

BROWER

George Broderick - May - 12 - 1938 -



BROWER MANUFACTURING CO.

CATALOG NO. 48

209 - 215 N. THIRD ST. QUINCY, ILL., U. S. A.

MORE THAN

100,000 Poultrymen Buy



W. J. Brower
President and
General Manager



B. J. Brower
Vice President



L. J. Brower
Secretary-Treasurer

We want you to know us and feel that we are your friends. We pledge ourselves to look after your interests with the same conscientious attention to your needs as if you were right here doing business with us personally. We promise that the goods will be made right, packed right, and shipped right—and everything done to make your business associations with the Brower Company both pleasant and satisfactory.

Greater Values

This new Catalog speaks for itself. It brings you the best buys in quality Poultry Supplies. We have given this Catalog a great deal of study and are ready to stand squarely behind every item with the famous Brower Guarantee. Read our Guarantee on the following page. We invite comparison of Brower Values . . . Brower Service . . . and Brower Dependability with that of any other Poultry Supply House, and we urge you to keep this book handy and consult it often.

BROWER'S SAVE-ALL PRODUCTS Every Year And **Save Money**

These thousands of customers have found it a good policy to turn to Brower for the best in Poultry Supplies. We refer you to any of them as to our ethics and policy of fair dealing. Any of them will tell you that you can bank on any item sold by Brower; that you can depend on what Brower tells you; that Brower Products give good service, save the customer time, labor and money and help to greatly increase poultry profits.

Brower makes merchandise as economically as possible, consistent with the universal high quality of "SAVE-ALL" Products—and, always, our customers find that they can either get a better article for the same money or the same article for less money at Brower's.

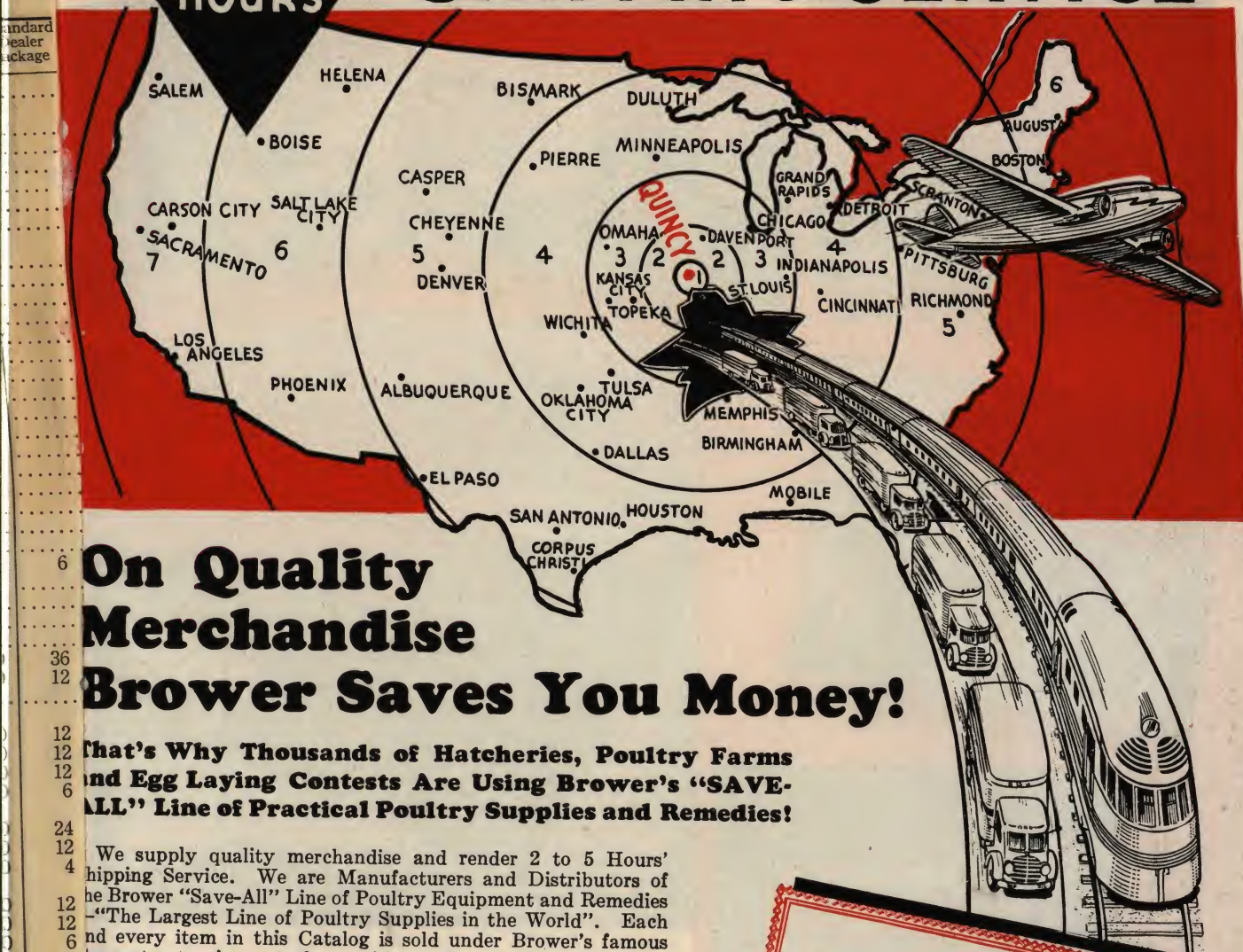
Bigger Production Facilities Mean Lower Costs!

Brower's big, new factory, shown on pages four and five of this Catalog, represents the Company's sixth major expansion in the last fifteen years. It is a large, modern plant devoted almost exclusively to the manufacture of Brower's "SAVE-ALL" Equipment. It affords every facility for the mass production of the BEST in Poultry Supplies. That is the reason for the rock bottom prices quoted in this Catalog and that is why Brower Products supply the market in every country on the Globe.

The Largest Line of POULTRY SUPPLIES in the World

2 to 5
HOURS

SHIPPING SERVICE

Standard
dealer
package

On Quality Merchandise Brower Saves You Money!

That's Why Thousands of Hatcheries, Poultry Farms and Egg Laying Contests Are Using Brower's "SAVE-ALL" Line of Practical Poultry Supplies and Remedies!

We supply quality merchandise and render 2 to 5 Hours' shipping Service. We are Manufacturers and Distributors of the Brower "Save-All" Line of Poultry Equipment and Remedies—"The Largest Line of Poultry Supplies in the World". Each and every item in this Catalog is sold under Brower's famous guarantee to give you the service you have a right to expect. This catalog presents the greatest collection of exceptional values in high class Poultry Equipment ever assembled. Here are supplies to meet the needs of every poultryman—large or small—in any quarter of the Globe.

ERRORS—We are very careful in filling all orders; nevertheless, in the rush of business, errors are likely to occur at times. In case of a mistake on your order, notify us at once and we will cheerfully and promptly correct it.

RETURNED GOODS—In no case do we accept the return of merchandise, unless customer has received permission from our Claim Department, authorizing a return.

DAMAGES OR SHORTAGES—If a shipment arrives damaged or short in any way, have the delivery agent make a notation of the shortage or damage on your express, Postal or Freight receipt and send to us immediately. We will then assist you in getting settlement of claim for any damage or loss of merchandise in transit.

TERMS OF SALE: On orders under \$10.00, remit Cash. On orders of \$10.00 or more, remit 25% of total value with order; balance payable C. O. D. All prices in this catalog are F. O. B. Quincy, Illinois, unless otherwise specified, and are subject to change without notice.

FOREIGN SHIPMENTS—An Export Boxing Charge . . . costing 6 to 10%, depending upon weight of equipment . . . is necessary on shipments to all foreign countries, except Canada and Mexico, where U. S. domestic packing is acceptable to the transportation companies.

FOREIGN TERMS—Cheque with order (U. S. Funds) or deposit of funds at port of embarkation against shipping documents.

Brower's Famous Guarantee

We guarantee the service you have a right to expect. We guarantee every article to be as represented and to do what we claim—or we make good by replacing merchandise or refunding full purchase price. Complaints, however, must be filed within 30 days after shipment is received. This Guarantee on "Save-All" products has made the Brower Manufacturing Company world leaders in the Poultry Supply Line.

The best evidence to prove that the Brower "Save-All" Line will do all, or even more, than we claim, are the many letters of endorsement from leading Hatcheries, Egg Laying Contests, Poultrymen, Farmers and State Experiment Stations that are using our supplies. Their letters confirm our Guarantee on the high quality of Brower's "Save-All" Line.

W. J. BROWER, President.

BROWER *SAVE ALL*



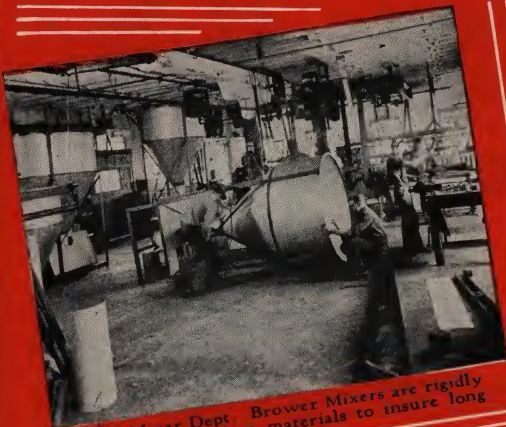
Section of Brower's Modern Machine Shop. Dies for stamping Brower's Save All Products made here.



View of Stamping Dept. These huge presses keep Brower's production costs down.



Another view of Stamping Dept. and section of Steel Storage Dept. in modern day light building.



Feed Mixer Dept. Brower Mixers are rigidly constructed of best materials to insure long life.



Battery Assembly Dept. All Brower Batteries are assembled, then K. D. to insure easy section.



Section of Electrical and Wafer Dept. Only best of materials used in the mfg. of these parts.



A BIRD'S-EYE VIEW OF OUR

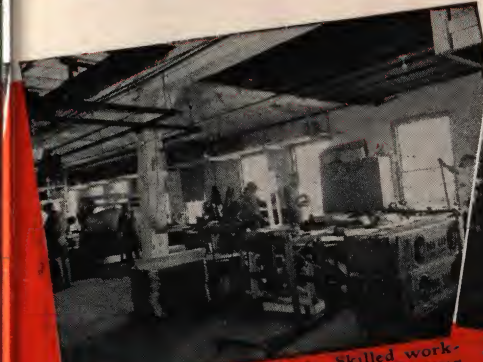
The views of the Brower Factory, Warehouse and Experimental Buildings, reproduced here and on the opposite page, show potently the volume of demand for the Brower "SAVE-ALL" Products and the ample, up-to-date facilities with which it is met. Here are over 65,000 square feet of floor space devoted to the various departments in the manufacture and distribution of "SAVE-ALL" Poultry Equipment.

General Office and Warehouse Building

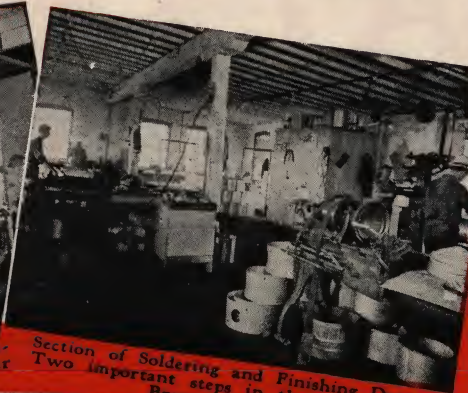
Centrally and advantageously located . . . our big warehouse facilities in Quincy offer over 40,000 square feet of floor space. Here a large and complete stock of Brower's "SAVE-ALL" Poultry Equipment is maintained for the prompt shipment of orders to all parts of the world.



QUALITY *in the making*



Folding and Forming Dept. Skilled workmen plus modern machinery insures Brower High Quality.



Section of Soldering and Finishing Dept. Two important steps in the making of Brower Quality.

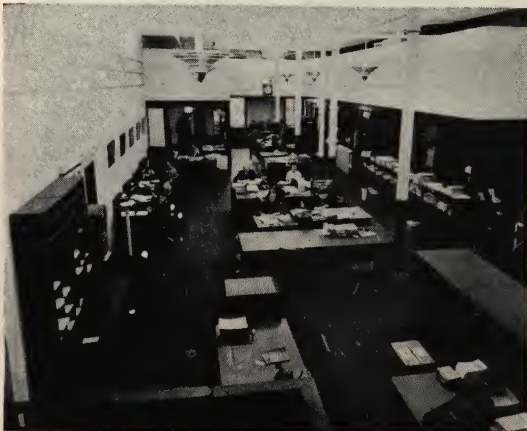


Battery of Electric Welders. Note well-lighted building which provides ideal working conditions.



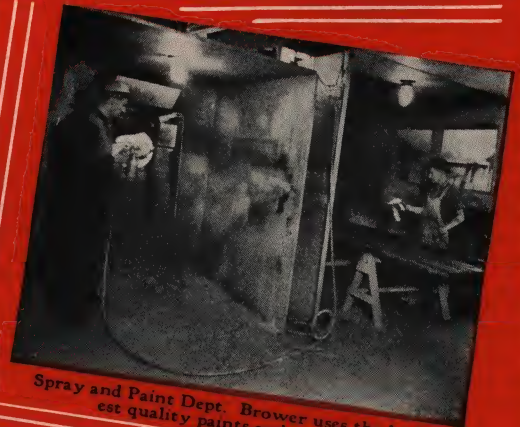
MAIN MANUFACTURING PLANT

Brower's is a modern plant . . . well lighted and ventilated . . . equipped with efficient, up-to-date machinery and manned by experienced, satisfied workmen, who take pride in their work. The result is big, high speed production—with quality always the paramount factor—and a satisfied, interested organization . . . assuring you of high quality merchandise, built the best and most economical way.



Interior of Brower's Main Office

This spacious, well lighted office is furnished with efficient, up-to-date equipment for the rapid and accurate handling of all orders and correspondence. Here, the personnel of the large Brower organization of trained executives and clerical help gives interested, personal service to our many customers.



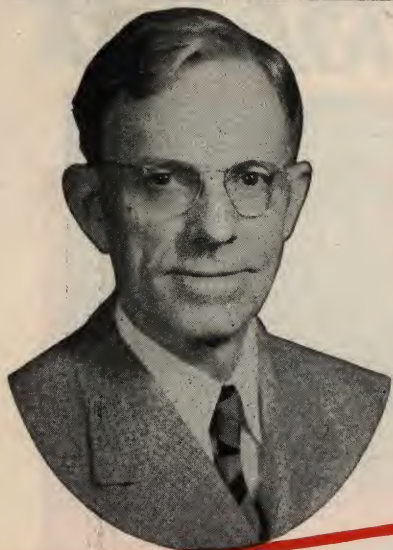
Spray and Paint Dept. Brower uses the highest quality paints and enamels.



Inspection and Packing Dept. All Brower products are carefully inspected before packing



Warehouse view. Over 40,000 sq. ft. of storage space for Save-All products only.



BATTERY BROODING

Here is the modern way and most efficient method of raising poultry. It has revolutionized Broiler Production. It has put the production of Pullets and Breeding Cockerels in the Big-Profit Class. It has enabled the Breeder to produce Fine Stock at a fraction of former costs. Battery Brooding yields handsome profits when handled as a side line. Conducted as a business, it will make you big money regardless of prevailing business conditions.

Photographs below show views of some of the largest Broiler Plants in the world. Naturally, they are fully Brower equipped.

Mr. Poultryman:

On the following pages is listed the greatest collection of Battery Brooders ever offered to the poultry public. Here you will find Batteries for every conceivable purpose—Electric, Oil, Coal, and Gas burning Batteries; Starting Brooders, Growing Brooders and Finishing Brooders; Brooders for the mammoth commercial plants and brooders for the fellow who wants to raise as few as 25 broilers.

If there is any doubt in your mind which brooders you will need, let us make a recommendation. Tell us the purpose you have in mind. Describe the building and advise how many birds you wish to raise at a time and for what purpose . . . in short, tell us all about it.

The Brower Engineers will then prepare an estimate for you, listing all the equipment you will need and will mail you a quotation on same. There is no obligation attached to this service and no charge. You simply get the benefit of our experience, after which you may buy or not, just as you decide.

Yours for success,

W. J. Brower



Read every word on the following pages. Find out how hundreds of progressive poultrymen have doubled their incomes. It couldn't be done the old way . . . obsolete equipment wouldn't do it. It required a superior method . . . superior equipment. It required Battery Brooders . . . Brower Battery Brooders.

History of Battery Brooding



When the Wright Brothers attempted to exploit their first "airship", it was a crude and awkward affair, but they planted an idea which has developed into a great and powerful industry. In the path of progress came the Radio, Television, Electric Refrigerator, Streamlined Diesel Locomotives and numerous other Inventions that are man's contribution to a great and glorious civilization. The Poultry Industry too, has undergone many important changes. Only a few years ago, anyone attempting to feed Baby Chicks before they were 72 hours old, was bound to lose his Chicks, so he was told. Since that time, we have learned that Baby Chicks can be fed before 72 hours without the "disastrous results". The rearing of Chicks in confinement was likewise scoffed at—it couldn't be successful—Chicks needed range and sunshine. But the addition of Cod Liver Oil (Vitamin D) to the starting mash, changed the situation immediately. Brower Battery Brooders were first designed and made for Hatcheries to handle surplus Chicks for 2 or 3 weeks. However, at that time (1928) in Brower's Experimental Plant, Chicks were being raised up to Broiler Size. At left is Casten Brower, grandson of W. J. Brower, with one of many broilers raised in an early model Brower Battery Brooder.

W. J. BROWER Pioneered the Battery Idea

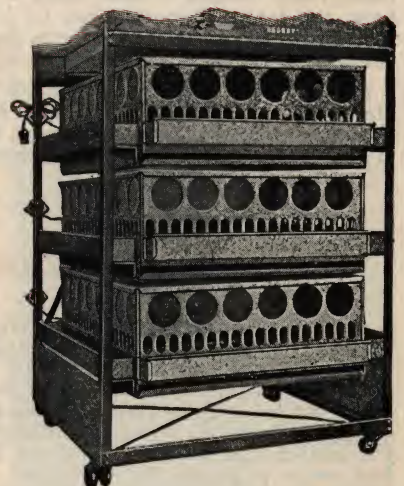
A new, revolutionary method of raising Chicks was brought into practical use. Many, upon hearing of this new confinement, were "doubting Thomases" until they were shown Chicks from one week old up to broiler size being raised in Brower's Experimental Plant. The system of raising broilers was immediately changed and instead of a large range, the Brooder House was sufficient to accommodate Brower Battery Brooders. The new method enables hundreds to get started in the Broiler Business without previous experience with Poultry. Many advantages were found in this new Battery method and may be summed up as follows:

- 1—Increased Profits.
- 2—Less Feed Cost.
- 3—Mortality Greatly Reduced.
- 4—Small Floor Space Required.
- 5—Labor Greatly Reduced.
- 6—More Uniform Quality Broilers.
- 7—20% Quicker Growth.
- 8—Premium Prices for Battery Broilers.
- 9—Sanitary Conditions Easily Maintained.
- 10—Year 'Round Operation—and Profits the Year 'Round.

Feed Companies were quick to visualize the possibilities of this new method of raising Broilers and before many months had rolled around, a well balanced Broiler Ration was made which contained all the necessary ingredients for feeding Chicks in Batteries. The original Models of Brower Starting Batteries were constantly improved and in turn, came the Non-Heated or Intermediate Battery and the Finishing Battery Units. Bear in mind that after, and not until all of these Batteries had undergone the most severe tests in Brower's Experimental Plant, were they offered to the Poultrymen of the World. Poultry raisers, and those who had no previous experience with Poultry, became interested in Battery Brooding and in making extra profits with Brower Equipment. Many of these did not have electricity available, so Brower designed, built and thoroughly tested, and finally offered the **FIRST** Hot Water Battery Brooder—The **HUMI-DECK ALL METAL BATTERY**. The success of the Humi-Deck prompted the Brower Oil and Gas Heated Batteries. Some of them have seen eight years of steady use and are still giving 100% service. They will continue to do so for many years to come, because every Brower Battery is built of the very best grade material throughout and entirely of steel. There are no wood parts to warp or rot—no crevices to harbor mites, lice and disease germs. Brower Batteries are very sanitary and are easily cleaned.

BROWER—The Leader in the Field

Today, Brower is the acknowledged leader in the field of Battery Brooding. Brower Battery Equipment has never been approached for all those vital points that make a Brooder successful. It is foremost in Chick-Raising Ability, Convenience and Low Cost. You can invest your money in Brower Brooding Equipment and feel safe. You know that with good Chicks, proper feed and reasonably good care, you will make a success of the venture. Poultrymen everywhere are familiar with the courteous and helpful service offered by the Brower Engineers. Problems of housing, heating and ventilating—taken to Brower for recommendations—are given careful and prompt attention. All of this service is furnished without cost to our customers. We have helped hundreds in the selection of the right size Broiler Plant for their needs—we can do the same for you if you will write us. We have pioneered the field of battery brooding—have experimented constantly for years. It is obvious then that our experience can be of great help to you. Brower Brooders were designed by W. J. Brower and his sons, L. J. Brower and B. J. Brower—who have devoted the greater part of their lives to the science of raising Chicks. Brower Brooding Equipment raises the Chicks profitably. That's why Brower Equipment is used in both the large and small Broiler Plants in all parts of the United States and Foreign Countries. These Poultrymen naturally wanted the best Equipment they could buy—a System that has proven successful—so it was quite natural for them to come to Brower. You, too, will do the same if you want satisfactory results and dollars on the profit side of your ledger. Remember, it pays to consider quality and construction when buying Brooding Equipment, as well as the extra service rendered with Brower Brooding Equipment... for quality and service will be remembered long after price is forgotten.



Above cut shows an early model Brower Electric Battery Brooder—one of the first built. There are many like it still in use today—giving dependable service.

Wide Uses of Battery Brooders



No. 6504—
4-Drawer
Brooder

Above cut shows Brower's DeLuxe Electric Battery Brooder which is used for starting thousands of Baby Chicks each season. For complete description and prices of this Battery, refer to pages 34 and 35 of this Catalog—Furnished in capacities ranging from 125 up to 625 Chicks.

Using the Battery Brooder for Starting Your Chicks

While Battery Brooders are used most extensively for broiler production, they also have many other important uses. A Starting Battery will fit in with most any type of brooding system. It is an established fact that the greatest mortality in baby chicks occurs the first two or three weeks. The causes for this loss can be attributed to the following:

- 1—Crowding or Piling up in Corners.
- 2—Spread of Disease through Droppings.
- 3—Inadequate Feed and Water Space.
- 4—Improper Brooding Temperatures.
- 5—Rats and Vermin.

The Battery Brooder has filled the long-missing link in the successful brooding of Baby Chicks. Battery Brooders have many distinct advantages over Canopy Type Brooders for starting chicks. In the Battery, temperatures can be easily controlled, thus eliminating crowding and colds. The chicks walk on a sanitary mesh floor which allows the droppings to fall into a removable clean-out tray below. The most exacting sanitary conditions can be maintained—the chicks cannot pick in the droppings, therefore, disease cannot be spread through this medium. The Battery Brooder allows ample feed and water space, consequently, each chick receives the proper amount of clean food and water. You have noticed with Canopy Brooding how some of the larger chicks will "bully" the more timid ones and scare them away from the Feeder or Water Fountain. This condition is not found in the Battery Brooder.

Well Started Chicks Bring Biggest Profits

The care of your Baby Chicks will most certainly have an important bearing upon the productiveness of your pullets later on. If they have been subjected to irregular brooding conditions and have not received the proper feed, the pullets cannot be expected to develop into thrifty, healthy pullets—so it, therefore, behooves you to give your chicks the proper start—Use a Battery Brooder. Poultrymen now using Battery Brooders in their brooding program, start the chicks in the Battery for the first four or five weeks. Then, they are removed and placed either under a Canopy Brooder or in a heated room where they can be taught to roost. The cockerels can be left in the battery until they are ready to be sold as Broilers.

Battery Started Chicks Win State Prizes

The interesting letter below from Mrs. Mayfield, shows how vitally essential a Battery Brooder is to the successful brooding of Chicks if they are to develop into profitable mature fowls.

Gentlemen:

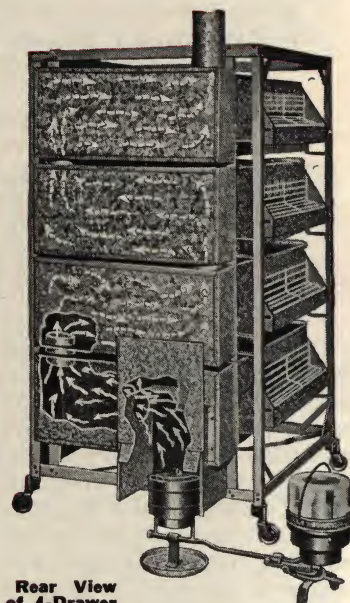
For three successive years, at the . . . State Fair, my farm flock of White Minorcas has taken many ribbons in their class, winning 1st and 2nd awards on both old hens and young hens, and 1st on cockerels; also, 1st for the Accredited Hatchery which buys their eggs of me. The roadside demand for the extra large white eggs makes it unnecessary for me to ever take the low market price.

For three successive years every White Minorca chick has spent the first four weeks of its life in a Brower Battery Brooder, in our basement. We put only 40 to 55 chicks in each section, leaving ample room for exercise, and the mortality is almost nothing, and we do not have to go outdoors to care for the February and March chicks in zero weather.

Mrs. Alfred W. Mayfield,
Carlinville.

Advantages of Battery Brooding

Anyone who has operated a Canopy Brooder knows the amount of care required the first few weeks in getting the chicks started. Many can recall those evening trips or early morning visits to the Brooder House to see if everything was all right. Here is one of the biggest advantages of a Battery Brooder—your labor is greatly reduced. And yet, you know that your chicks are being taken care of in fine shape by your Brower Battery Brooder. We might sum up practical reasons for using a Battery Brooder by the following: Your chicks grow faster—you raise better chicks—your labor is greatly reduced—mortality lowered to a minimum—feed waste is practically eliminated. All of these advantages cannot help but mean more profits for you. The many advantages and increased profits offset the small investment required for a Brower Battery Brooder. In the Brower Line, you will find Battery Brooders of numerous capacities—heated by Electricity, Oil, Gas and Coal. There is a Brower Battery to fit your needs.



Rear View
of 4-Drawer
Oil Brooder

Above view shows Brower's DeLuxe Oil Heated Battery Brooder. Also furnished for either natural or artificial gas. See page 35 for complete description and prices. The arrows on cut, mark the heat travel from the time it leaves the burner until it goes out the pipe and is expelled into the room. A safe dependable brooder—economical to operate.

"I am more than pleased with my Brower Oil Battery Brooder. In the last two broods, I lost less than 1%—and kept chicks in the brooder 3 weeks"—so writes Mr. L. F. Oswald of Youngs, Calif.

PROFIT POSSIBILITIES IN BROILERS

The Modern Broiler Plant is without doubt the thing for the man who desires to get ahead in the world. It is a year 'round business that brings in a good income every week in the year if you want it to, yet it takes very little time and anybody can successfully operate it. Farmers find that the Broiler Plant will greatly augment their incomes. They do not have the long period of non-production as with field crops. The wife or a child can operate the Plant and the man can take care of the marketing without interfering with his other work. The Plant will bring in more clear money than all the rest of the farm unless you have a very profitable farm, for it is an all-year-round business instead of a one-sale-a-year business. The proceeds from the Broiler Plant will more than take care of living expenses—it will keep your family in comfort. The revenue from the farm can all be put into other investments. You know that if all your profits were reinvested in your farm, it would not be long until you would have the fine place you always wanted. You can enlarge your farm, improve it, do all those things that you have been holding back on for so long. A Brower-Equipped Broiler Plant is the real, practical farm relief. Many started with only a small Broiler Plant and soon increased their original installation to take care of the increased demand for Battery Broilers. Remember range-fed "springs" are not to be compared with tender, delicious Battery Broilers.

Let us suppose you are a business man—a merchant for instance. You know how hard it is to make very much money above what you need for your living. In other words, you have very little left to put back into your business. The solution is a Brower-Equipped Broiler Plant. You can install it at home and your wife can run it for you. It will take very little of her time and it will not tire her out. Most women enjoy taking care of chicks. The Plant will make your living—a very good living and the proceeds from your business can all go back into it. The wage earner, too, can make a very good thing of a Broiler Plant. If you have a little capital—enough to get started, your wife or any member of the family can operate the Brooders while you are at work. It will take only a little of their time and you can market the Broilers on Saturday afternoons. In this way, you can more than double your income. You can buy your home, you can take a trip—any of the things you have always wanted to do but could not afford. To the unemployed man or woman, a Brower Broiler Plant offers a means of securing a good weekly income. You have a product the consuming public wants and is willing to pay a premium for—at a nice profit to you. No matter what your occupation—no matter how you are situated; there is a Brower Brooding System to fit your needs. It will increase your earnings and in many cases it will mean the opportunity that will let you out of the rut and into the big money class.

HOW MUCH PROFIT CAN I MAKE RAISING BROILERS?

This question has been asked by many, anxious to get started in the broiler business. The answer is of the greatest importance to anyone contemplating the installation of a Broiler Plant. Of course, to succeed, you must be able to return a profit on your investment—and to be sure, there is a very nice profit in broilers at any time. But, many glowing pictures have been painted by some, sketching huge profits to be made—often misleading.

We therefore, have prepared the following cost-and-profit figures which are FACTS, given you straight from the shoulder—and not paper and pen theories. The production costs given here are the average, taken from information given us by hundreds of our customers throughout the country and from the findings of our own Experimental Department.

HERE IS YOUR PROFIT

The Average Cost of Producing a 2-Pound Broiler

Day-old Chick	\$0.07
Six Pounds of Feed @ 3c....	.18
Fuel Expense.....	.01
Interest and Mortality.....	.01
Total Production Cost.....	\$0.27

Rate Per Pound	20c	22c	24c	26c	30c	35c	40c	45c	50c	60c
Selling Price 2 lb. Broiler	\$0.40	\$0.44	\$0.48	\$0.52	\$0.60	\$0.70	\$0.80	\$0.90	\$1.00	\$1.20
Production Cost of 2 lb. Broiler	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27
Your Net Profit Per Broiler	\$0.13	\$0.17	\$0.21	\$0.25	\$0.33	\$0.43	\$0.53	\$0.63	\$0.73	\$0.93

Regarding Production Costs

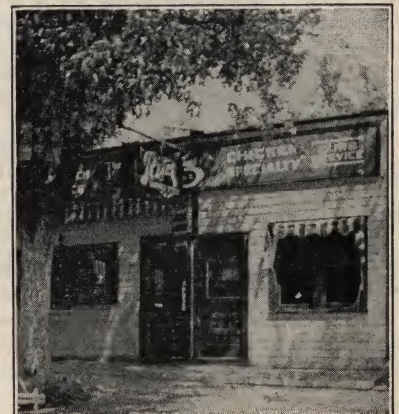
In figuring the production cost given above, you will note that we have taken into consideration the cost of the day-old chick, expense for feed and fuel, the interest on the investment and also have made allowance for mortality. The cost of 7c for the day-old chick, given here, is an average throughout the year. It should be noted, however, that sexed day-old cockerels can often be purchased at from 3 to 5c each.

You can make a contract with any reliable Hatcheryman for the amount of chicks you desire weekly. Don't make the mistake of buying "cheap" chicks—on the other hand, you need not buy pedigreed chicks. There are thousands of good reliable Hatcherymen all over the country who can supply you good quality chicks at reasonable prices.

With reference to feed, we recommend a good commercial broiler mash. All of the well-known Feed Mills are now furnishing a mash containing all of the necessary ingredients for feeding chicks in batteries. No other feed is necessary. Some operators mix their own feeds; however, this is not recommended unless you can effect a big saving. Your Feed Dealer can, no doubt, furnish you a commercial broiler mash at a reasonable cost if you will purchase your entire requirements from him.

A WAITING MARKET FOR BATTERY BROILERS IN ANY COMMUNITY

Roadside Inns, Taverns and Hotels—serving Broilers as a specialty the year 'round—offer a big market to the broiler raisers. The Ritz Lunch Room shown in the view at the right uses 400 or more broilers per week—produced in Brower Battery Brooders. Think of the big market which can be yours—you should be able to find a good paying market the year 'round in your vicinity.



SELECTING YOUR BROILER PLANT

Numerous Battery Brooders are now offered to the poultrymen. Various claims of superiority are offered by their manufacturers. Some of them evidently think that the American people are indeed a credulous people.

We read all about these various makes of brooders just the same as you do. Some of them are good—built just as honestly as their makers know how to make them. Others are indifferently good, and some are, frankly, not worth the price of the materials that go into them. Some of them are made by manufacturers who show by the very design of the brooders that they know nothing whatever about raising chickens.

An efficient battery brooder is one that is built throughout for the comfort and convenience of both the chicks and the operator. A baby chick must have proper temperature, proper feed, ample ventilation, plenty of floor, feed and water space and, of course, the proper care. An efficient battery brooder then, is one that provides the following:

- Proper control of temperature
- Ample floor space for all ages of chicks
- Ample feed and water space
- Scientific ventilation
- Sanitary, metal construction

Years of care and experimenting were required to bring the Brower Battery Brooder to its present state of perfection. This experimenting was done by Brower—at the experimental

Brooder Houses of the Brower Manufacturing Company. It was not left to the users of the equipment to do the experimenting. The Brower Battery Brooder was an assured success before it was offered to the public.

After years of experience, Brower knows just how to build Broiler Batteries to raise more quality broilers to marketable size. Less time for broiler production plus lower costs for feed, fuel and labor—these advantages have made Brower Battery Brooder Equipment a favorite everywhere. Every Brower Battery is constructed of the best grade of galvanized steel and angle iron. Every Brower Brooder embodies the latest scientific construction in the way of ventilation, heat regulation, sanitary no-waste feed and water troughs, removable sanitary floors and clean-out trays, and plenty of brooding space. These features insure the health of chicks and mature them to marketable age in the quickest possible time at the lowest cost. That is why customers using Brower Batteries praise them highly and find them to be a very profitable investment. Brower Batteries always prove the cheapest to use in the outcome regardless of first cost.

The interesting letter below from Mr. E. P. Gross, of Missouri, is typical of reports received from hundreds of users of Brower Battery Brooders. Buy with confidence from Brower and be assured of complete satisfaction.

Here Is Proof That Brower "Has It All Over the Rest of Them"

Brower Mfg. Co.,
Quincy, Illinois.

Gentlemen:—

We thought you might be interested in having a word from us with particular reference to the 100-per-week Battery Brooder installed early in October, and therefore are writing you to advise that we are highly satisfied with this Plant, as it is the last word in Brooding Equipment.

About your firm, I want to say they are what I call "Prompt"—with a capital P. I ordered my outfit on a Wednesday morning and I live 135 miles south of St. Louis, or 275 from Quincy—but strange as it may seem, the outfit was on hand at 9 o'clock Saturday morning and before we had the building ready for it—in other words, only a little over two days intervening between the time I sent my order and when I had the plant on my premises.

Before ordering this equipment, we visited several places in an effort to get the correct idea in brooding equipment for broilers and in our visits we saw many different installations and in carefully examining them and talking with the owners, there was no question in my mind that Brower had it "all over" the rest of them, and it was the only outfit I would think of purchasing. Also, I could not help but compare the sturdy durability of Brower Batteries with those that are flimsily constructed, with paper rolls in their Laying Batteries to remove droppings, and other contrivances which I would not consider for one single minute.

The most cheerful part of the Brower outfit is that I underestimated its ability and capacity and while you make liberal claims for your equipment—yet I find that you have not said the half of it. I am going to erect another building in the Spring and install a large outfit, as I find there is ready sale for broilers raised in the Brower Batteries, as they seem to finish better and bring a better price than any others.

I am now putting in my Plant, 100 chicks-per-week and I carefully check the gain in weight from week to week. This is no haphazard guesswork on my part, but is handled in a systematic manner (the Brower way) and every Wednesday we weigh each and every chick, and check its weight on records which we keep, and inasmuch as all birds are banded, there is no difficulty in keeping individual records, and we have made average gains as high as 12 ozs. per bird per week.

I have not solicited any business as yet. From the moment people found that I was raising broilers in Batteries—have been able to sell them just as fast as produced right at my own place and disposing of them on a live weight basis right at my door—no dressing or shipping losses.

I strongly recommend The Brower Equipment to anyone who wants the best, and should anyone within a radius of a million miles wish to see my outfit—they are welcome to come right in and make themselves at home.

Let me thank you for your prompt attention and never-failing service, I beg to remain

Very gratefully yours,
E. P. GROSS, Missouri

A STEADY PROFITABLE BUSINESS BRINGS RETURNS IN JUST 8 WEEKS

People in all walks of life are installing Brower Broiler Plants, either to add to their present income or as a full-time proposition. One of the biggest advantages of the broiler business is the fact that you have a quick turnover. Within just eight weeks after your Plant is started, you begin to get returns on your investment. No other line of business offers you such quick profits on such a small investment. A son or daughter can easily operate a Brower Broiler Plant and in just a short time can build up a big business that will return a nice weekly profit.

Perhaps you have a shed, garage, basement, storeroom, barn or a chicken house available, in which you could install a Brower Broiler Plant. No special building is necessary. Take the case of Joosse Bros., who write: "Our entire building cost was \$10.00 to remodel part of an abandoned house which lends itself very well for this purpose." Read their letter at bottom of page. If you have a building available, our Engineering Department will be glad to recommend any necessary alterations—if you will send us a pencil sketch showing complete dimensions. We will help you in every possible way to get started in the broiler business on a reasonable investment.

Small Space Required

The photograph at the right illustrates the small building that is required for a Brower Broiler Plant. This building was originally a garage, but with a few alterations and the assistance of Brower's Engineering Department, it was easily and quickly converted into a Battery Brooder House.

A coal or oil brooder stove with the canopy removed can be used in small brooder houses, housing the 25 or 50-per-Week Broiler Plant. For larger size plants, we recommend the use of Brower's Triple Duty Heat Circulator shown on page 48. This circulator is thoroughly dependable and economical to operate. Our Engineering Department will be glad to cooperate in recommending the proper ventilating and heating equipment for any type of building you may have available. Write us today.



Big Weekly Profits on Small Investment

Marketing your broilers dressed will, of course, return more profit to you. However, many of our customers market their broilers alive. Read the interesting letter from Joosse Bros., which appears opposite. All of their broilers are sold alive and are shipped to the wholesale market. While they only received 22c. per lb., yet they made an average net profit of 19c. per bird—or \$19.00 per week from their 100-per-week Plant. Remember the 22c. price is wholesale market price—the consumer will pay from 1 to 10c. per pound above this price. This steps up your income to a very sizeable figure and yet your investment in equipment is only slightly more than \$200.00.

2½-Lb. Broilers in Eight Weeks

Brower Manufacturing Co.,
Quincy, Illinois.

Dear Sirs:—

The 125-a-week Brower Broiler Plant I ordered from you last Fall is going fine. We are turning out two- to two-and-a-half-pound broilers in 8 weeks.

C. J. GOFF,

South Carolina

Brower Mfg. Co.,
Quincy, Illinois.

Gentlemen:—

Upon arrival of our Brower Broiler Plant in November, we placed 100 Barred Rock Chicks in it. Since then we've placed 100 in it every two weeks. When the first were no more than 8 weeks old, they weighed 2 lbs., and were promptly sold. At this writing we've sold more than 500 broilers.

They were nearly all sold alive, shipping them to Milwaukee. We didn't want to bother killing and dressing. Our average price was 22c. per lb., or 44c. for one broiler. Since they only cost 25c. to raise, we made an average profit of 19c. per broiler. We attribute the low cost to the high quality equipment which we use—Brower's.

Our entire building cost was \$10.00, to remodel part of an abandoned house which lends itself very well for this purpose. We purchase our feed in ton lots. For chicks, we've paid more or less than \$8.00 a hundred. The plant has already paid for itself and we wish to recommend it to anybody purchasing such equipment and advise them to look at Brower's first.

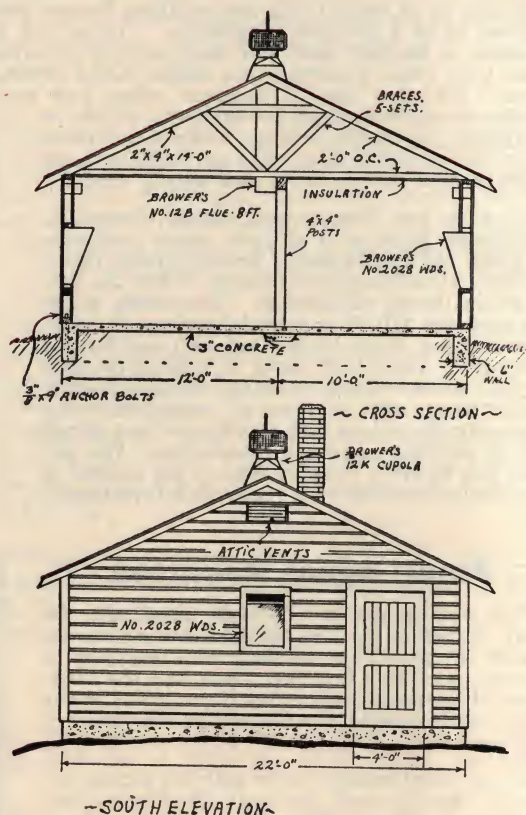
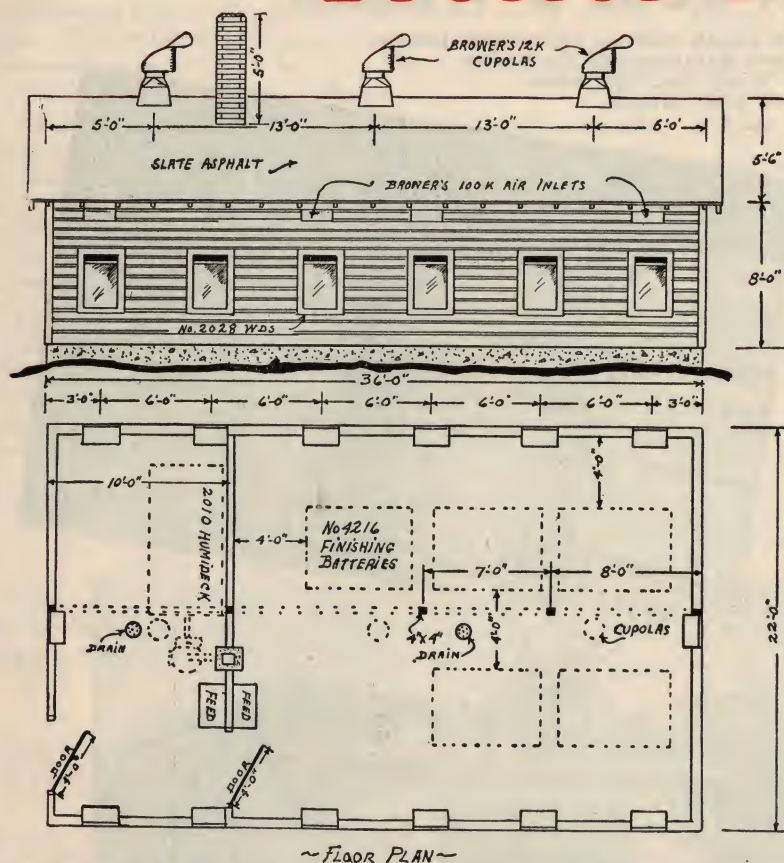
We wish to assure you of our patronage in the future as we have in the past.

Yours very truly,

Joosse Bros.,

Wisconsin

Plans for Housing the Brower Broiler Plants



Brower Broiler Plants will operate successfully in any building large enough to accommodate them. You need not build if you already have a building available. Simply alter it to comply with our plans for floor installation and ventilation. When constructing a new building for your Brower Broiler Plant, avail yourself of the help offered by Brower's Service Department. This Department is for your convenience. The above illustration shows the type and size of house recommended for the 250-per-week Brower Broiler Plant. The 250-per-week Plant, listed

on page 32, is equipped with the Humideck Hot Water Starting Brooder . . . the boiler furnished is large enough to maintain a temperature of around 70 degrees in the Growing and Finishing Room, using pipe coils or radiators. To properly ventilate this 22 x 36-ft. building, three No. 12K Suction Cupolas, three No. 12B Foul Air Flues and fourteen No. 2028 Ventilating Windows are recommended. The addition of the eight No. 100K Fresh Air Intakes, shown in the above plans, will increase the efficiency of this ventilating system, especially during cold weather. This ventilating equipment you will find described on pages 46 and 47.

Size House and Ventilating System Recommended for Various Capacity Broiler Plants

Weekly Broiler Capacity	Size of Building Required	Proper Ventilating System to Use		
		No. 12K Cupolas	No. 12B Flues	No. 2028 Windows*
Using Electric, Oil or Gas Heated Starters				
25 to 50 Broilers	10 x 12 ft.	1	1	4
100 Broilers	12 x 20 ft.	1	1	8
200 Broilers	12 x 30 ft.	2	2	12
300 Broilers	22 x 36 ft.	3	3	14
Using Humi-Deck Starters				
250 Broilers	22 x 36 ft.	3	3	14
500 Broilers	24 x 55 ft.	4	4	20

*Brower's No. 2028 Ventilating Windows are recommended for maximum results. However, in mild climates, ordinary windows may be used satisfactorily.

The above chart shows the size building and proper ventilating system to use for the most popular size Broiler Plants. If you already have a building, you can easily determine what capacity Broiler Plant it will accommodate by referring to the floor plans shown here and on the following page. Brower knows the correct amount of room necessary to successfully operate different size Broiler Plants and offers plans accordingly. There is plenty of working room allowed around the batteries for removing dropping pans, feeding and watering. Ample room is also allowed for feed storage and for killing the broilers.

No other manufacturer can offer you the many services extended by Brower. Here you get practical information from practical poultrymen, experienced in the production of broilers in Battery Brooders. We have helped hundreds of persons in all walks of life to succeed with Brower Battery Brooding Equipment, and there isn't any question about it . . . we can do the same for you.

When the chicks are four or five weeks old, they have begun to feather and are then transferred to the nonheated Growing and Finishing Batteries. A room temperature of about 70 degrees is now recommended. Where the Humideck Hot Water Starting Brooders are used, pipe coils should be installed along the walls in the growing and finishing room, to bring up the room temperature. With Electric or Oil Heated Starting Brooders, an auxiliary Heater must be used in the Growing and Finishing Room. Brower's Big Chief Coal Brooders on page 55, our Twin Blast Brooder on pages 50 and 51, and Heat Circulator on page 48, are ideal for this purpose.

Free Booklet with Broiler Plant

With each and every Broiler Plant ordered, Brower furnishes a special booklet giving complete instructions for assembling and operating the equipment. This booklet also contains valuable information and instructions for killing and dressing broilers, and points out many ways to greatly increase your earnings by direct selling. All of this information has been compiled from the findings of our own Experimental Plant and from the recorded experiences of successful users of Brower Battery Equipment in all parts of the country. Following the experience of other successful users insures your success.

Proper Ventilation Is Essential for the Broiler Plant

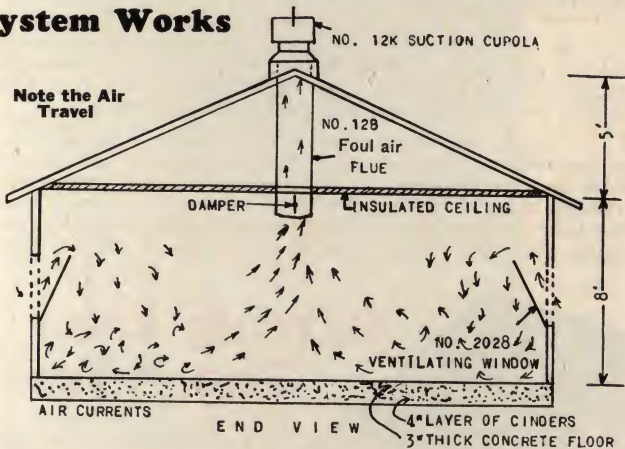
Air Condition Your Building with a Brower Ventilating System

There are three important elements essential to the life of a broiler and hen. These are . . . air, water and feed. Science brings us positive proof that air is by far the most important. You have doubtless heard the expression, "Food is fuel to the body". But no fire will burn without air . . . which is oxygen. On the same principle . . . baby chicks, broilers and hens must breathe pure, fresh air in order to derive full benefit from the food they eat. Drafts must be avoided, however. The Brower Save-All Ventilating System brings about an ideal condition in the Battery Brooder House. The foul, moisture-laden air is removed at regular intervals by the Brower Suction Cupola through the aid of the Foul Air Flue. Fresh air is admitted into the room through the Brower Ventilating Windows. A Brower-Ventilated Broiler Plant means quicker growth and a more uniform quality broiler. It means extra profits for you . . . big enough, in fact, to soon pay the small initial cost of installing a Brower Save-All Ventilating System.

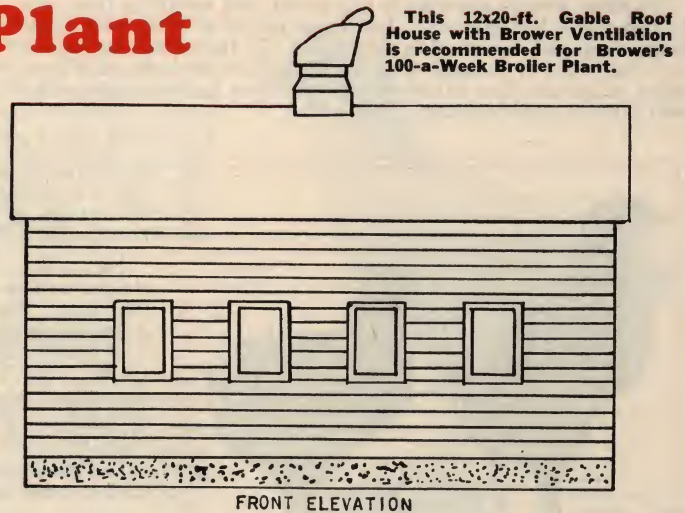
Brower Offers Free Helpful Service

Almost any building or room . . . when properly ventilated . . . is suitable to use for the production of broilers when Brower's All-Metal Sanitary Batteries are used. If you have a building or room available, send us a pencil sketch of it and our Service Department will be glad to give you FREE recommendations as to the best way to arrange it for the use of Brower Battery Brooders. If it is necessary for you to construct a building, we can furnish house plans which will enable your local Lumber Dealer, Contractor or Carpenter to give you a fair estimate on the construction cost and bill of material required. This service is FREE OF CHARGE to prospective customers. When writing our Service Department, be sure to state how many broilers you plan to produce weekly.

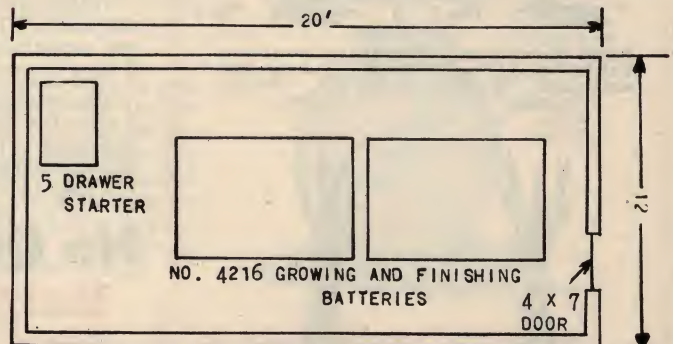
How Brower's "Save-All" Ventilating System Works



This is an end view of a Brower-Designed Battery Brooder House. The room is ceiled with insulating material, allowing 8 ft. from floor to ceiling. The movement of air is indicated by the arrows. Pure, fresh air enters through the ventilating windows and circulates around the room. The foul, moisture-laden air is removed through the foul air flue by the suction cupola. No drafts . . . just a continual supply of pure, fresh air at all times, which means so much to the development of your broilers. Play safe—install a Brower Ventilating System in your Brooder House. We recommend Brower's Metal Foul Air Flues, which come equipped with an adjustable damper to take care of weather changes. Or a flue made of matched lumber and insulated may be used. We furnish free instructions for making wood flues when Brower Ventilators are ordered.



FRONT ELEVATION



FLOOR PLAN AND FOUNDATION SIZE

Above Building Efficiently Houses the 100-a-Week Broiler Plant

Brower Battery Brooders are built compact and so require little floor space. The illustrations above show the size of room necessary and the proper arrangement of the equipment for the successful operation of the 100-a-week Brower DeLuxe Broiler Plant, (see Page 24.) To properly ventilate this building, we recommend using one 12K Suction Cupola, one 12B Foul Air Flue and eight 2028 Ventilating Windows. This Brower Ventilating Equipment is listed on Pages 46 and 47. Brower's Triple Duty Heat Circulator, described on Page 48, has ample capacity to maintain a room temperature of 70 degrees in this 12 x 20-ft. house at low operating cost.



In this Brower-Designed Battery Brooder House, built according to the Brower Plans and specifications—Mr. Louis Frederick of Amboy, Illinois, successfully operates his Brower Broiler Plant, using the Humideck Starting System and the Brower Growing and Finishing Batteries.

Putting the Quality in Broilers

To some people a broiler is any small bird weighing from one to two and a half pounds. But those people are not, as a usual thing, large consumers of broiler meat. To the particular person . . . the man or woman who wants broiler meat because it is more palatable than other meats, a broiler is an exceptionally well formed and toothsome young bird.

These particular people demand the best in broilers and they are willing to pay for it. They will not accept spring chicken as broiler meat. They know the difference and they want only the best. That is why the battery broiler has made such rapid gains in popularity during the last few years.

At the left, we show two chickens from the same parent stock. They were fed the same ration and both were under the care of a well informed poultryman. Fig. 1 is a range grown spring chicken, 10 weeks old. Notice the height of him. His weight is exactly $1\frac{1}{2}$ lbs. Nevertheless he is a mighty good specimen of the kind of bird he is. But he is not a broiler—he is a spring.

Fig. 2 is a typical Battery-raised Broiler. He is exactly six weeks old and weighs a little more than $1\frac{1}{2}$ lbs. Notice how plump he is. There is meat on this bird. He has turned his nourishment into meat—not bone and sinew. After the two birds are plucked and drawn there will be a still greater difference. The battery brooded bird will weigh considerably more than the range grown spring. Fig. 3 is the same class of spring chicken as Fig. 1. Range brooding is all right if you are raising the birds for breeders and are trying to develop strength. They have to grow a rugged frame first. But if you want them for table use, that heavy bone structure is entirely waste.

Let us ask you to examine the carcass of the bird in Fig. 4. The same type bird you see above as Fig. 2.

Which bird would you choose for your table? Well, other people are about the same. They don't want those tough, rangy, stringy springs if they can get something better. They demand those sweet, toothsome broilers, even if they do cost a little more.

Notice the Battery Broiler in Fig. 4—the compact formation of his body. Notice the fat layers on breast, thigh and wings. The flesh is tender, sweet and juicy. This is the kind of bird that will bring the fancy prices on the particular market. It is the kind of bird people want. It is the kind of bird you will raise in Brower's Battery Brooding Equipment.

No Question About It— Battery Broilers Command Highest Prices

Every city and town has a number of roadside lunch stands, sandwich shops, hotels, etc. These people want a certain size fresh killed broiler. They are willing to pay more for Battery raised broilers if they can depend upon a source of supply—especially during the summer when their business is heaviest and their calls for chicken most numerous.

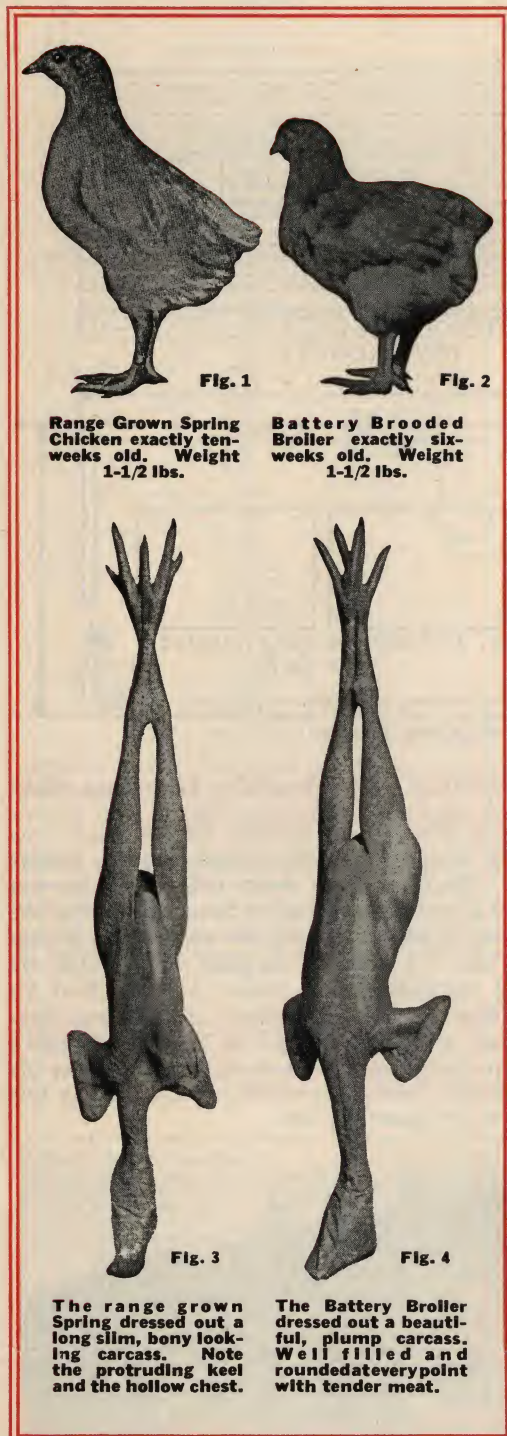
In any community is a certain select consumer trade which appreciates quality and is willing to pay for it. With Brower equipment you know you can produce the quality, and we know, by the experience of others, that when you produce the quality, you too can get a commensurate price for it.

Chicken is good . . . but broilers are better. Discriminating people nowadays insist on these well-formed, juicy, exceptionally palatable young broilers of from a pound to two and a half pounds in weight—and because they are the kind of birds the people want, you can get fancy prices for them. Many operators report that they are receiving a nice premium above market prices. They produce a quality bird that is worth the money, they ask the price and they get it.

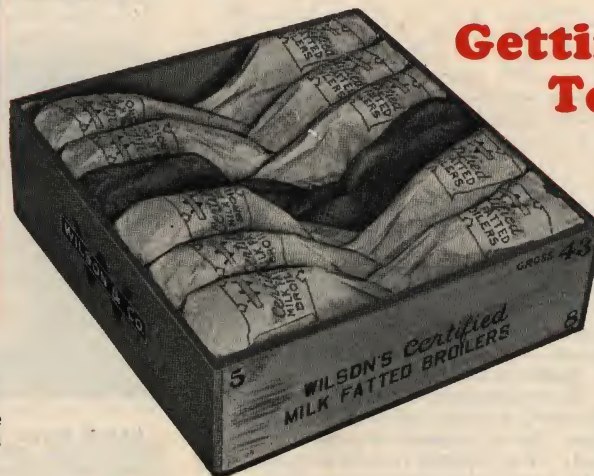
Getting the Top Prices

It costs less to produce first-class broilers the Battery Way than to produce springs the range way. Yet the broiler is obviously the best bird and will bring the most money.

Do a little judicious advertising and selling in connection with the marketing of your broilers. People will pay more if they know they are getting a better bird. Let your trade know that you are furnishing a uniformly high-class product.



Put up your birds in an attractive package. Make them look as good as they are and you will never have any trouble finding buyers for all the broilers you can produce. (Notice Brower's DeLuxe Broiler Cartons on Page 84.)



Profitable Broiler Marketing

The marketing end of your business is most important and must be given careful thought and consideration. Find out what size broiler is preferred in your locality. If you are dressing your broilers, then a white feathered bird such as White Rock or Wyandotte is preferred. In every city and town, there is a waiting market for the sale of fresh killed broilers the year 'round when produced in Brower Batteries. More broilers are being sold to consumers than ever before. Just think of the number of hotels, restaurants, clubs, taverns and roadside markets that now serve broilers throughout the year. Is it any wonder that there is such a big demand for freshly killed broilers all year? There is a select trade in every locality that appreciates quality and is willing to pay for it. With Brower Battery Brooders, you can produce quality broilers that will command premium prices at low cost.

Selling Direct to Consumer

Many operators of Brower Broiler Plants have built up a very profitable local business by inserting an ad in their daily papers, advertising Battery Brooded Broilers. After a customer has tasted the delicious meat of battery broilers, it is a simple matter to hold his repeat business. Your Ad should read something like this: **FRESH BROILERS RAISED UNDER THE MOST SANITARY CONDITIONS—TENDER, DELICIOUS MEAT THAT IS GUARANTEED TO PLEASE YOU. PRICE 2 LB. BROILERS DRESSED AND DELIVERED, 75c. PHONE..... ADDRESS.....**

Call on hotels, restaurants, clubs, taverns, private homes, etc., in your vicinity and explain to them that you are able to furnish them with quality Battery-fed Broilers the year 'round. Explain then the big difference between battery broilers and springers. Point out that Battery-fed Broilers have a wonderful flavor, the meat is tender, juicy, toothsome. Tell them that Brower Battery-fed Broilers are not to be compared with ordinary stringy "range spring chickens". If necessary, give the chefs or managers several battery broilers to try out and ask them to notice the superior meat of your broilers. With just a little effort on your part, you should have no trouble in getting a premium over the market and establish a steady outlet the year 'round.



Steady growth, both in males and females, depends on good feeding. This bird has reached the popular broiler weight.

A Profitable Market Everywhere



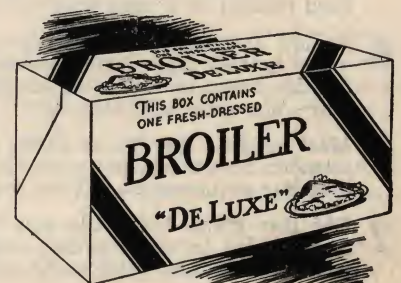
Above Photo (courtesy Purina Mills) shows a uniform lot of Battery Raised Broilers all dressed ready for marketing. Battery Brooded Broilers are the best broilers of all. The meat is more tender and juicy. It is sweeter and full of flavor. You never heard of a tough battery broiler. The bones and entrails are smaller. And above all, Battery Broilers may be had **FRESH** at any season of the year. Who will accept cold storage chicken when fresh chicken is available?

Regardless of the size city or town, most Brower Broiler Plant owners find it an easy matter to dispose of their broilers locally. If you desire to market your broilers alive, you can find a ready market. Take for instance, Mr. E. P. Gross, a Missourian, who is operating a Brower 100-per-week Broiler Plant. "I have not solicited any business as yet. From the moment people found that I was raising broilers in batteries, have been able to sell them just as fast as produced right at my own place and disposing of them on a live weight basis right at my door."

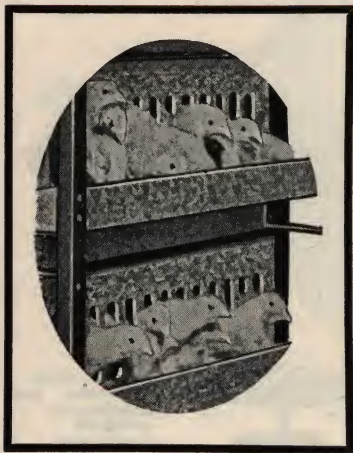
Many operators create a market for dressed broilers and the premium price received more than offsets the killing and dressing expense. One Broiler man in New York State writes us, "My business here is retailing dressed broilers and in the past year have built up a promising clientele. I charge thirty cents a pound and deliver my product in an attractive cellophane wrapper." Another method of reaching the consumer is through better class grocery stores and markets. You can deliver your broilers weekly to the dealer and give him a commission on sales.

Attractive Packages Help Sales

Attractive packaging is very effective in selling any kind of merchandise. The Brower DeLuxe Broiler Box, shown at the right, has helped hundreds of broiler raisers to not only receive a premium for their broilers, but in addition, build up a high-class weekly market. This box will accommodate up to a 3 lb. dressed broiler. See Page 84 for prices on DeLuxe Broiler Box.



Leading Hatcheries Everywhere Prefer the Brower Humideck



Merchandising methods in all lines of business change with the times, and the hatchery industry is no exception. The use of display or storage brooders in hatcheries has played an important part in turning hatchery losses into profits. A practical display brooder serves two purposes—1st—the effective display of baby chicks; 2nd—as an efficient brooder for 3 weeks or more, if necessary.

Hatcherymen in all parts of the country are using Brower Battery Brooders for starting chicks for their customers. The public is demanding this type of chick. People prefer to know that they are going to raise the chicks they buy and the only way they can be sure is to buy them after they have passed the danger period. The cost of feeding chicks for the first 3 weeks is very low compared with the price which can be obtained for started chicks. The hatcheryman with Brower Battery Brooders is also protected against cancellation in chick orders caused by weather conditions or other reasons. The surplus chicks can be placed in a Brower Battery and sold when 1, 2 or 3 weeks old and at a nice profit.

We manufacture several different types of display brooders for the hatcheries. The outstanding types of small capacities are Brower's Hen-Way Wing Heat Display Battery, Brower Silent Salesman Glass Display Brooder, and our All-Purpose Chick and Broiler Batteries (see pages 38 to 43). However, where larger capacity brooding space is desired, we recommend Brower's Humideck Hot Water Battery Brooder. This system offers mammoth capacity at the lowest possible cost of operation. In nearly all cases, hatcherymen installing a Brower Humideck have added to their original installation each year.

Mammoth Brooding at Low Cost

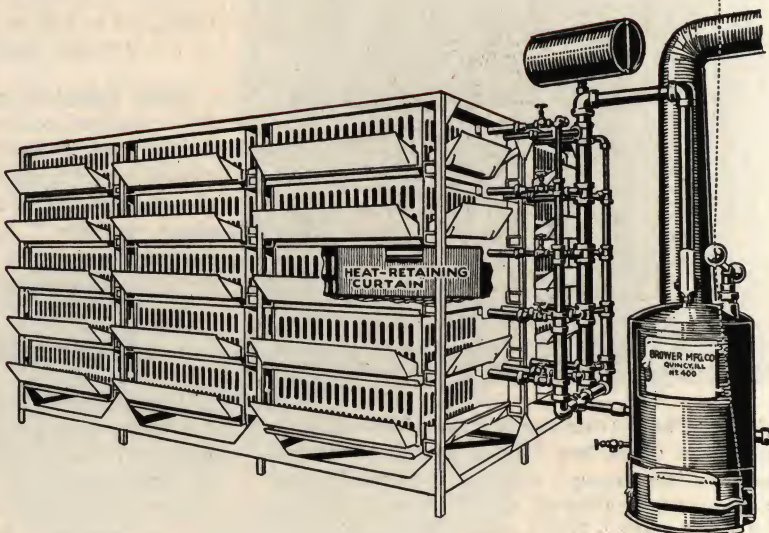
R. L. Jones' Hatchery, Petersburg, Va., whose installation is shown on page 19, started with a Brower 30-Drawer Humideck Battery several years ago. Each year, since that time, the Jones' Hatchery has installed additional Humideck capacity. The R. L. Jones' Hatchery, like hundreds of others, has found that Brower's Humideck is just as essential to their business as their Incubators which hatch the chicks. No more convincing proof can be offered of the superiority of Brower Equipment. Read Mr. Jones' more recent letter reproduced on page 99.

The other two installations, shown on page 19, are also located in Petersburg, Va. Birchett's Hatchery and the Southside Produce Exchange are also loud in their praise of Brower's Humideck Brooder. Note the Birchett letter: "We were so well pleased that, as you know, last season we doubled our capacity. The Batteries are so easy to operate and in the big, roomy drawers, the mortality is less than in the other type batteries. Also, the chicks grow fast and are more uniform. When we decide to enlarge further, you may be sure that Brower Equipment will be used because it is both efficient and economical."

Many Outstanding Features

A few of the many outstanding advantages offered by the Brower Humideck Hot Water Battery Brooder are listed below.

1. Only 25c. to 51c. per day operating cost, depending upon weather and cost of fuel. This is sufficient to supply heat for 1,000 to 25,000 chicks.
2. The heat regulator is so thoroughly under control that chicks of all ages may be brooded in the various drawers of the same battery.
3. Most sanitary Brooder. Entire Brooder made of heavy galvanized steel and 1/8" angle iron. Entire Drawer slides out for cleaning or for removing chicks.
4. Removable feed and water troughs fit on the outside so that chicks can eat at any time they desire but they cannot waste the feed or get into it. Feed troughs on 2 sides with water pan on 1 side.
5. Behind the heat-retaining curtain are the hot water heating pipes which provide a warm, comfortable hover to which the chicks can go at any time—like under a Mother Hen.
6. Most efficient Hot Water Boiler ever built. Remember, Brower Boilers are designed and built for brooding requirements. They require less fuel.
7. The Hot Water Boiler not only furnishes all the heat needed in the brooding compartment—but will also maintain a comfortable room temperature.



Above cut shows a Brower 30-Drawer Humideck Hot Water Brooder. This particular Brooder has a capacity of about 5,000 baby chicks, or, 3,750 chicks up to 3 weeks of age. See pages 28 and 29 for complete descriptive information and prices on various sizes.

BROWER'S HUMIDECK—The World's Favorite Large Capacity Brooder

Brower's Humideck Hot Water Starting Brooder is recommended for Broiler Plants of 200-a-week capacity and up. The Humideck Brooder offers large capacity brooding facilities, at the lowest possible operating cost. It is used just as satisfactorily in the far north as in milder climates. The Humideck furnishes an even, dependable hot water heat which broods chicks quickly, safely, and at low cost.

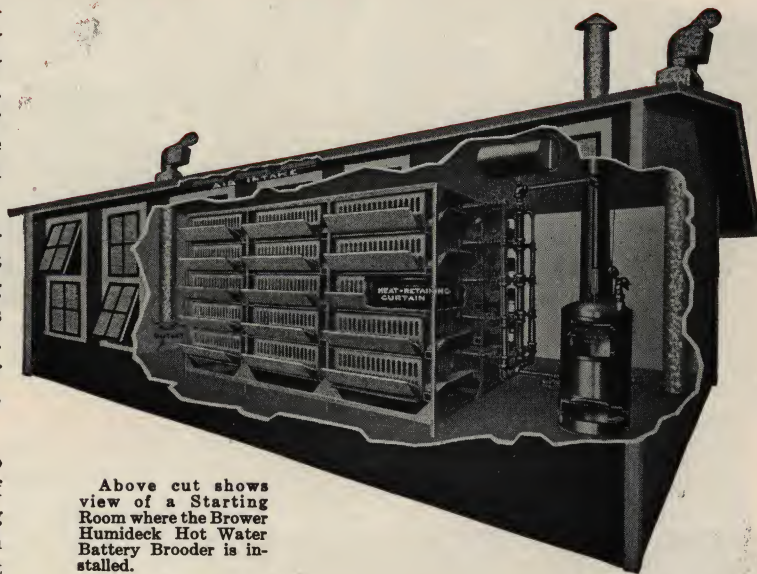
Hundreds have started with a 10- or 15-Drawer Humideck Brooder and increased their capacity after the first broilers were marketed. We can offer no more convincing proof as to the profits which users are making. Let us take the case of Mr. Wm. R. Warner of New Mexico. Mr. Warner originally purchased a Brower 15-Drawer Humideck Starting Brooder and 2 Finishing Batteries. Several months later, Mr. Warner wrote us:

"Gentlemen: I am arranging to enlarge the plant to handle a minimum of 1,000 broilers weekly by the end of October. Up to now, I have had nothing but astounding success. Believe it or not, we took one chick, out of a batch of 200, which weighed two pounds thirteen ounces at seven and one-half weeks. The other 199, at the same time, dressed 400½ pounds. They were leghorns and white rock cockerels. They consumed 5¼ pounds of feed per bird."

Mr. Warner has added additional equipment since the above was written.

A Humideck for Every Need!

Brower's Hot Water Humideck Battery Brooder is furnished in sizes ranging from 10 Drawers and up. Three different size Coal Boilers are available. Oil and Gas Burners are also furnished—so that you can select



Above cut shows view of a Starting Room where the Brower Humideck Hot Water Battery Brooder is installed.

your Humideck Brooder to use the most economical fuel in your particular vicinity. See pages 28 and 29 for complete description and prices on Humideck Hot Water Battery Brooders. You can very easily increase your Humideck Capacity as we now furnish 5-Drawer Humideck Units ready to attach to your original installation.

The same heater used on the Humideck Battery can be used to furnish a 70° temperature in the Growing and Finishing Battery Room. Radiation or pipe coils can be easily connected to the heater for this purpose. Our Engineering Department will gladly recommend the proper size pipe coils for various rooms.

Brower's Humideck Stands Alone

The Logical Solution of Every Brooding Problem

The Brower Humideck was built up to a standard—not down to a price. It was built from the ground up to raise chicks—not to utilize a lot of obsolete parts that were made in the first place for some other purpose. And the wisdom of W. J. Brower is being borne out day after day as the Big Successful Poultrymen compare all the battery brooders on the market and invariably choose the Brower Humideck, regardless of any price difference.

In no other manner could you hope to make anything like the money that can be made by brooding chicks in a Brower Humideck Mammoth Battery Brooder. It is without question the biggest money-maker on the market today. These things are facts—not mere assertions. And, it is the purpose of this book to acquaint you with the facts. Hundreds of the most progressive poultrymen in the country have seen them all—compared them all—and the sales of the Brower Humideck System continue to increase with undiminished rapidity. Everywhere, the Brower Humideck is a favorite.

And so it goes. The big operators realize that, when it comes to making big broiler profits over a period of years, the Brower System stands alone. There is just one reason for that . . . Brower's is the only Battery Brooder that has all of the features that make for the successful raising of broilers. And, for brooding started chicks and eight weeks old pullets, you can't beat the Brower Battery. Everyone of its many features was put there for a mighty good reason. Individually, they stand for chick health and rapid growth; a saving in time, feed, and labor. Collectively, they stand for maximum broiler profits.

But bear this in mind. While there are almost unbelievable profits to be made in the broiler and started-chick business, you must have the right equipment or you cannot expect to make them. It took Brower to build this Superb Humideck Brooder. It took Brower to work out the intricate combinations of features that make it the best brooder on the market today. And, these features are exclusively Brower's. You must have them in the brooder you buy, if you are going to enjoy the big profits in the broiler and started-chick industry, and you can get them only in the incomparable Brower's Humideck Battery Brooder.

Making Good with Brower Equipment



**2 Lb. Broilers in 7
Weeks—Less than
1% Loss**

We are very much pleased with the Humi-Deck Hot Water Battery Brooder and the Intermediate and Broiler Finishing Batteries purchased from you.

We started the first batch of chicks 7 weeks ago and have some broilers at 2 lbs. each. Plan to market some next week. Our loss has been less than 1%. Have a big contract in view and are figuring on doubling our capacity.

Carle Weise,
Missouri



Used on Famous Missouri Poultry Farms

Brower Manufacturing Co.

During the season just past, we have used your type of non-heated Battery Brooder, having bought 40 of them for this season's use.

These were used in a heated room and can say that for this purpose they make ideal equipment. They have been in constant use during the season and everyone who has seen the chicks that we have produced in them are convinced that they are as fine equipment as can be secured for this purpose. The particular thing I like about this type of brooder is the great amount of grills and feed space it has.

The mortality of our chicks has been less than 10%.

Very truly yours,
Missouri Poultry Farms



Brower's Humi-Deck

**Produces Broilers
by Thousands**

View on left shows an installation of Brower equipment used in the production of today's finest broiler meat.

CENTER: Feeding time. Every six pounds of feed that goes into the hoppers means two pounds of extra fancy broiler meat.



ABOVE VIEW: A section of the killing department in a large broiler plant where hundreds of broilers are prepared for Mrs. Consumer every day.



Endorsed by Prominent Breeder

Gentlemen:

My Humi-Deck Battery has now been in operation four weeks. I took my first lot of 1,600 out of it last Monday, and a finer lot of Barred Rock chicks you never saw, even in size, and well feathered. Heat control is simply wonderful. Can set it just where you like and you will always find the heat just right.

The Battery is easy to keep clean. I lost only 33 chicks out of the first brood. If I need more brooding equipment, it will be a Brower Battery.

M. C. W., Pa.

Users Heartily Endorse Brower Equipment

**"Satisfactory in Every Way"—
says R. L. Jones**

The illustrations at the right show R. L. Jones' Hatchery of Petersburg, Virginia, and a section of his mammoth brooding plant where a large installation of Brower Humideck Battery Equipment is in use. Mr. Jones writes: "We have for a number of years used your Humideck Hot Water Battery Brooder and find it very satisfactory in every way. It maintains an even temperature most economically. It is our plan to again increase our capacity next season."



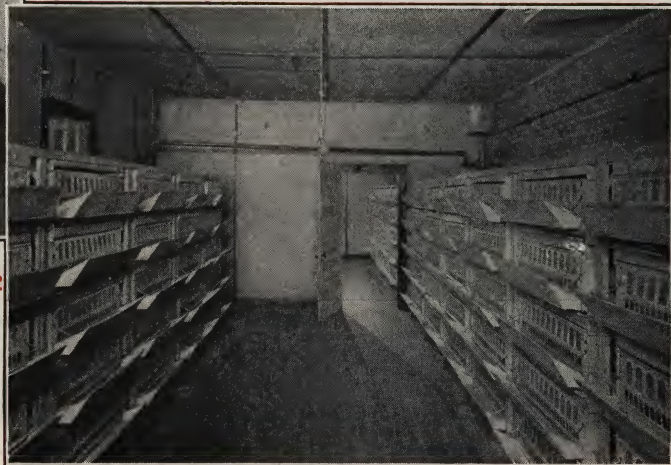
Above—The Southside Produce House and Brooding Plant

Quick Growth—Low Mortality

"We have had considerable experience with various battery brooding systems, but have never had such success with our chicks until we installed your equipment. We were so well pleased that, as you know, last season, we doubled our capacity. The batteries are so easy to operate and in the big, roomy drawers the mortality is less than in other type batteries. Also the chicks grow fast and are more uniform. When we decide to enlarge further, you may be sure that Brower Equipment will be used because it is both efficient and economical"—so writes the Birchett's Hatchery, another large user of Brower's Humideck Equipment in Petersburg, Virginia. Views of the hatchery and Brooding Plant are shown below.



"We have been users of your Hot Water Humideck Brooders, also Growing and Finishing Batteries for a number of years and are well pleased with our results. We do not have an especially constructed building for this equipment, but have only made slight adjustments for ventilation and light. We do not hesitate to recommend this System to those interested in batteries"—this from the Southside Produce Exchange, Petersburg, Virginia, whose Plant is shown in views at upper left.



No Other System Offers Such Money-Making Possibilities



The above views show the Brower Broiler Plant operated so successfully by Mrs. A. M. Whitsell, Okla. This building is only 22 x 32 feet—an old barn, converted into a garage and small chicken house and then into a Broiler Plant. At the present time, a 300-per-week Brower Broiler Plant is installed and at the time pictures were taken, 1,800 chicks were in the Batteries—all doing fine. You don't need acres of ground or a special building to raise poultry the Brower way—only a small amount of space is required.



3½-lb. Broilers in 10 Weeks—Never Lost a Chick

Gentlemen:

February 14, we put 200 White Giant Chicks in our Brower DeLuxe Electric Battery Brooder. At five weeks, they were moved to the colony brooding quarters. At ten weeks, these chicks checked out, 200 strong and healthy broilers—averaging 3-1/2 lbs. each. My feed cost for 1,680 lbs. of mash and grain was \$36.19. The fuel cost during the 5 weeks in the Battery was \$1.46.

Yours truly,
Mrs. Arbie Deardorff, Ind.

Even if Mrs. Deardorff had received only 80c. per lb. for her broilers, her profit on the 200 would have amounted to \$150.00. Think what can be realized then from a 100-per-week or larger capacity Brower Broiler Plant. Now is the time to install your Brower Broiler Plant. Broiler prices are good and feed remains at a reasonable figure.

In no other line of business will you find such profitable opportunities as in broiler raising. You don't have to wait a year before you start to make profits. In just 8 to 10 weeks after your first chicks are started, you commence to cash in on the profits.

Mr. Oscar Anderson of Alabama, has secured excellent results using Brower Battery Brooding Equipment. Mr. Anderson is very enthusiastic in his praise of Brower Batteries.

"I thought I would drop you a few lines to let you know my luck with my Brower Battery Brooders. We have put two lots of baby chicks through our Battery Brooder and we raised 100%—and in our Growing and Finishing Battery, we raised two-pound broilers in six weeks. I think you have one of the best Brooders on the market and I am well pleased with this equipment. Just as soon as I can build to one of my chicken houses, I am going to send for three more Brower Brooders. That is how much I like them."

Oscar Anderson, Ala.

Brower Builds for Service

Brower Battery Brooders are designed and built to give you years and years of satisfactory and profitable service. Mr. E. N. Brown, Colo., is familiar with Brower Quality and Construction and writes: "In 1932, we purchased from you 2 No. HB1005 5-Drawer Electric Storage Brooders and they have given excellent satisfaction. Now, we want something larger to go with them. What do you recommend?"

Mr. H. L. Maynard, Iowa, writes: "I got a five-drawer Brower DeLuxe Electric Brooder from you and my chicks are 5 weeks old and I have raised 100%. Everyone who sees them thinks they are fine. There have been a good many here who are thinking of buying one like it."



"MORE THAN SATISFIED"

Mr. William Lawrence of Wisconsin, writes: "A few lines to tell you how pleased I am with my Brower Batteries. It sure is the best and quickest way to raise chicks. They grow so fast and the loss is so low it isn't worth mentioning. I have a 100-a-week Plant now and have started another one, so before long I will have 200 broilers a week to market. They bring me a nice price and I am more than satisfied in every way.

I certainly will recommend your Batteries to anyone interested in raising chicks. You will hear from me again soon because I want to buy one of your Humideck Systems before next fall. Am sending a snapshot of myself and batteries. If you care to use it, you may." Mr. Lawrence is shown with his Brower Broiler Plant in the view above. Notice the compact installation.

BROWER BROODER EQUIPMENT WINS APPROVAL OF USERS EVERYWHERE

Five Years of Profitable Service

In the late summer of 1932, Mr. C. W. Meyer of a small town in south western Missouri, installed a Brower 500-a-week Broiler Plant, using the Humideck Hot Water Battery Brooder. Mr. Meyer has always made money on the broilers he has raised. We recently wrote Mr. Meyer asking how he liked his Brower Plant after nearly five years of operation. Here is his reply:

"Dear Sir: Received your letter asking about my broiler business. Well. I am still in it for profit. I run about 7,000 through the batteries a year, that is the winter months. My mortality is very low, will make a good profit this season, although feed is high. There is a hatchery here that raises broilers, but not the Brower way. He ships to St. Louis, same as I do. He told me last Friday that he gets 22½¢ a pound for them. I get 26¢ a pound for the same size spring, 2¼ pound to 2½ pound size. The party I sell to gives me 1¢ over Arkansas Whites. I told this man what I was getting a pound and he says 'for battery springs—they must be better than mine'".

Note from the above that Mr. Meyer's broilers are marketed alive and that he receives a good premium over the highest market price. You can depend on Brower Battery Brooders to produce quality broilers which will return you nice profits at all times.

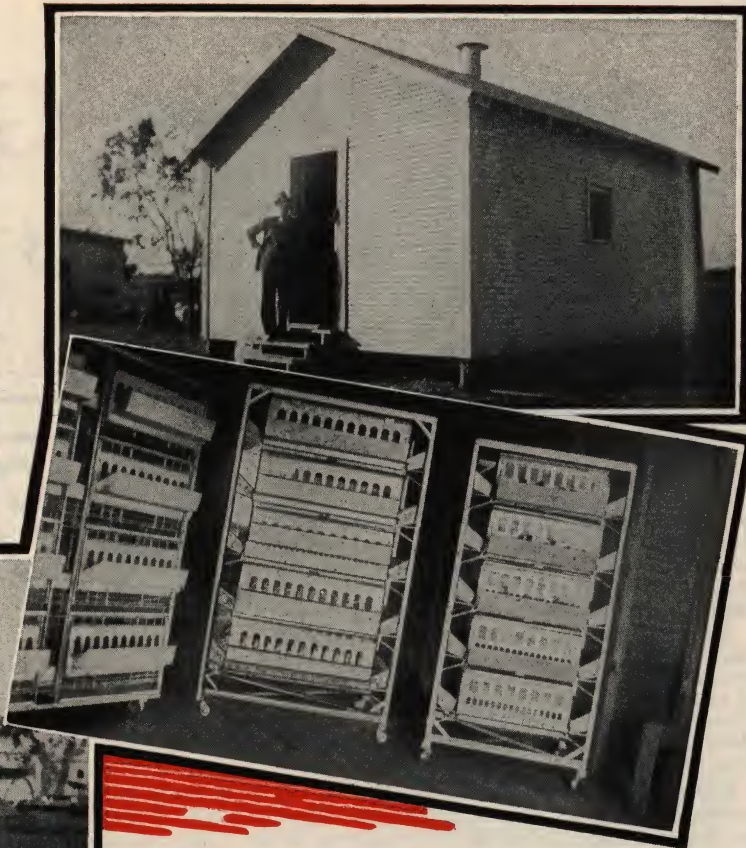


Complete Satisfaction Everywhere

The Brower Battery Way of raising broilers does away with the hazards of old methods. Mr. John Khan of Virginia, says: "I started 304 chicks and now have 300 in my Brower 100-a-week Broiler Plant. I cannot praise your equipment too highly. There'll be no more 'barnyard broilers' raised here—they'll be raised in Brower's Sanitary Broiler Batteries."—Mr. L. C. Cox of Oklahoma, writes: "My 100-a-week Brower Broiler Plant is very satisfactory and I am highly pleased with it."



The above photo shows the Brower Equipped Broiler Plant which is being operated very successfully by Carl W. Vogel of Oklahoma.



Temperature 38 Below Zero—Brooder Operates Perfectly

Gentlemen:

I purchased a Brower Oil Burning Starting Battery, January 6. It arrived in due time and so simple to erect, I did it myself. I placed 400 chicks in it. The thermometer outside went to 38° below zero but I had no trouble keeping the battery at 95° both day and night. Chicks are 2 weeks old and a mass of pin feathers and sturdy as can be. There is not one feature of this brooder I would have changed. It seems incredible that this tier of metal drawers can be evenly heated with one small lamp or burner.

Another important thing is that it is so easy to keep sanitary—no bad odors. So easy to ascertain just what each chick is doing—no cold corners for them to hover in. As soon as I can branch out a bit, I shall purchase more equipment from Browers.

Yours truly,

Miss Letha Hemingway, N. Y.

...AND BROWER USES

ARMCO INGOT IRON

Where Service Is Most Severe!

A MATERIAL which is counted upon for continuous service must not be of uncertain quality. The deciding characteristic of greater durability found in ARMCO Ingot Iron gives this metal a distinct advantage over ordinary steels.

Realizing that good quality in sheet metal work means years of trouble-free service, you will be satisfied with nothing short of the finest. For over thirty years, ARMCO Ingot Iron has enjoyed that reputation among the thrifty buyers of sheet metal products.

More than a quarter-century has passed since ARMCO Ingot Iron was introduced—the first low-cost, rust-resisting iron. In scores of uses, in every country and in unfavorable climates the world over, it remains the one sheet metal that can be depended upon to give long, satisfactory service.

Durable iron that it is, ARMCO Ingot Iron is made even more durable by its bright-spangled galvanized coating. Evenly applied and heavy, the fine zinc covering clings tightly to the refined iron and provides enduring protection.

"Quality" has always been a major objective in the building of Brower Poultry Equipment. Our factory, under the direction of competent engineers, is continually striving to further im-



prove our products so that we are offering equipment that is not made by hit and miss methods but is produced scientifically to the end that we can safely guarantee what we sell and recommend for your use.

After exhaustive comparative tests, we have found that the life of certain Brower Equipment can be materially prolonged through the use of ARMCO Ingot Iron. We, therefore, have adopted this material for use where service is most severe . . . and all Water Troughs and Dropping Pans for our Battery Equipment on pages 23 to 43, and 77 to 79; also the Ventilator Cupolas on page 46, and the water tanks for the Dumb Waiters and large Flock Waterers on pages 65 and 67 are now made of rust-resisting ARMCO Ingot Iron for greater service.

Moreover, all wire used in the construction of Brower Poultry Equipment is produced according to the well known, patented GALVANNEALING process. What is GALVANNEALED Wire? . . . A coating of protective rust and corrosion resisting zinc (3 or 4 times as thick as that on many ordinary galvanized wires) on a base of copper-bearing steel, which, in itself, resists rust. That's why GALVANNEALED Wire lasts three or four times as long as ordinary wires and adds years to the life of Brower Equipment.

Ten Exclusive Advantages of Armco Ingot Iron

Here are ten exclusive selling features claimed by the manufacturer of ARMCO Ingot Iron:

1. ARMCO INGOT IRON is the purest iron made and contains the lowest percentage of rust-promoting impurities of any galvanized sheet ever produced.
2. ARMCO INGOT IRON is always uniform in quality, and its total content of rust-promoting impurities is guaranteed to be within a prescribed maximum—the most accurately controlled ferrous metal, and the only galvanized sheets so controlled or guaranteed.
3. ARMCO INGOT IRON has the longest record of actual service of any brand of galvanized sheet.
4. ARMCO INGOT IRON was originally created at the request of farmers for a longer-lasting sheet metal.
5. ARMCO INGOT IRON is used more than any other brand of metal by manufacturers of refrigerators, washing machines, ranges, porcelain enamel table tops, septic tanks and corrugated culverts—all of which products are familiar to the farm market.
6. ARMCO INGOT IRON is identified by manufacturers' labels on more fabricated metal products than any other sheet metal.
7. ARMCO INGOT IRON is a "pedigreed" product. Every sheet bears a complete identification record.
8. The ARMCO Ingot Iron trade-mark stencil is placed by ARMCO on only first quality prime ingot iron sheets.
9. ARMCO INGOT IRON has a background of consumer acceptance created through continuous general public advertising since 1914.
10. ARMCO INGOT IRON is today supported by an extensive advertising campaign including national radio broadcasting, large space advertisements in leading national magazines, and a forceful advertising program in farm publications.

Brower's "Little Paymaster" Plant Pays Big Profits!

Produces 25 Broilers per Week

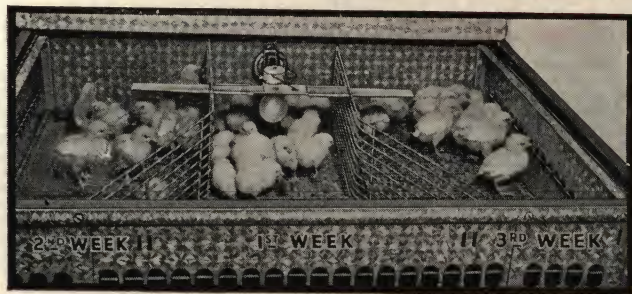
Here is the Plant you have been waiting for! Brower's "Little Paymaster" is the first practical, well constructed, all-in-one Broiler Plant Unit ever offered at such a low price! Our many years' experience in broiler raising and skill in manufacturing have been drawn upon in the making of this new Broiler Battery. The "Little Paymaster" is just what its name implies, for—operated on a weekly schedule—in just eight weeks after the first chicks have been put into the battery, it will begin to turn out finished broilers and from then on will pay you a nice weekly profit on your broiler output. It is sanitary and convenient—so simple to operate that a son or daughter can care for the Plant before and after school hours. It is built compact—a space 8 x 10 feet in a spare room, basement or garage is all that is needed. Made of the same long-lasting materials as used in all Brower Battery Brooders, it should not be confused with the lightly constructed competitive batteries that are built to sell on price and price alone.

Earn Extra Cash Each Week— Small Investment Starts You

Brower's "Little Paymaster" will produce 25 quality broilers a week, starting 25 chicks each week . . . or one hundred chicks may be put into the Battery at one time and carried through to broiler size. Operated on a weekly basis, the "Little Paymaster" will easily pay you a profit of \$8.50 a week. You can safely figure on a production cost of about \$6.50 for twenty-five broilers. This would allow \$1.50 for the twenty-five chicks at a cost of 6c each; \$4.50 for 150 lbs. of feed at 3c per lb., and 50c for heat, mortality, etc. You should easily get an average of 30c per pound for 2-lb. broilers, which would mean a market value of \$15.00 on the twenty-five broilers. Remember—they cost you only \$6.50 to produce! This would leave you a profit of \$8.50 on the lot, and these figures are fairly typical and conservative. Think of it! An extra income of \$8.50 per week for just a few hours' work in your spare time. This would mean \$442.00 or more per year for you! Double your capacity and you double your income! Install more of the Little Paymaster Units and you step up your net profits to a very sizeable figure. It all depends on how much you want to invest . . . how much money you want to make! It's all up to you!

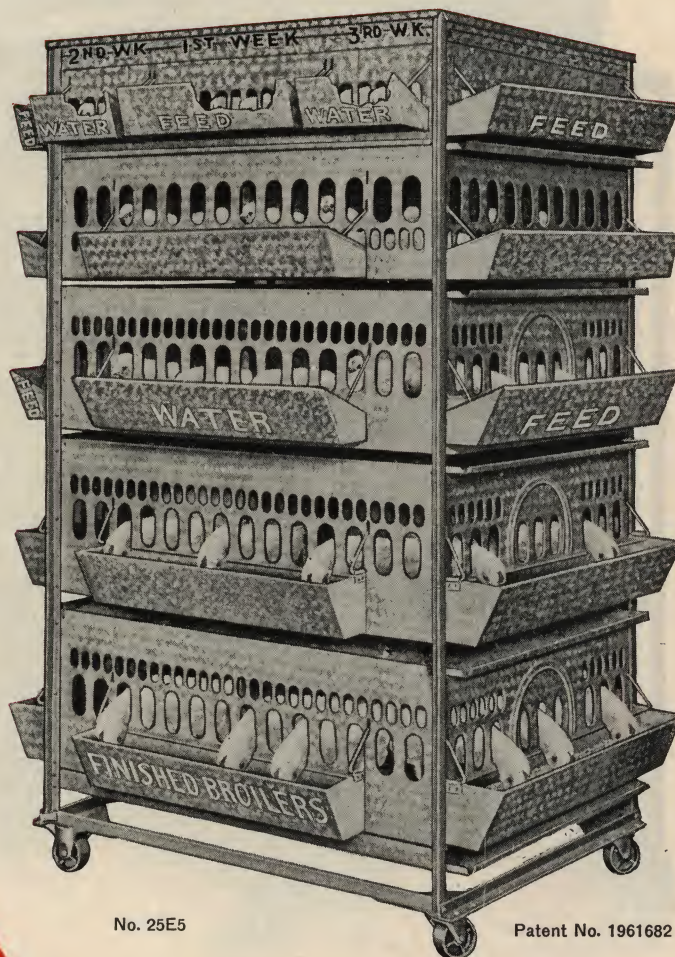
Compact and Convenient

Brower's "Little Paymaster" Broiler Plant is made in one complete unit—everything within easy reach. There are eleven compartments in all—three brooding sections in the top deck; two growing compartments in the second deck and two finishing sections, 14 inches high, in each of the three lower decks. All decks 30 x 40 inches. Plenty of feeding and watering space is provided so that the birds develop quickly and uniformly.



The Electric "Starting" Deck

Above is a view of the top deck of the Electric Battery with lid and heat retaining curtain removed to show the arrangement of the brooding compartments and heating equipment. This deck is divided into three brooding compartments and here the chicks are started and brooded for the first 3 weeks. Brower's "Little Paymaster" is so simple and easy to operate that a child can manage it—raising broilers quickly and profitably.



No. 25E5

Patent No. 1961682

Only
\$59.50
Complete

Quality Construction—Low Price



Sturdily built throughout of heavy galvanized steel. Five decks high—each deck 30 x 40 inches. All water troughs and dropping pans are made of rust-resisting **ARMCO Ingot Iron**. The frame is of one-inch angle iron, mounted on heavy duty, easy-rolling casters. Wire floors, dropping pans and feed and water troughs are easily removed for cleaning and disinfecting. The top Deck is for starting the chicks and is divided into three brooding compartments. This top deck, in the Electric Model, is equipped with a 100-watt Electric Bar Heating Element, Pilot Light, Automatic Thermostat Heat Control, 1/2-inch mesh sanitary floor and a heat retaining curtain which provides two different temperature ranges for the baby chicks. The second deck has two compartments for growing chicks and is fitted with 3/4-inch mesh floors. The three lower decks—each divided into two compartments—are for finishing the broilers and are equipped with one-inch mesh welded wire floors.

DIMENSIONS: Over-all size of Battery—Length 51 in. Width 37 in. Height 70½ in. Shipped knocked down; easily and quickly assembled. Complete instructions furnished for assembling and operating.

Oil and Electric Models

No. 8A-25E5—"Little Paymaster".—Electric Model. For operation on 110 or 220 volt A. C. or D. C. (Specify voltage.) Ship. Wt. 350 lbs. Price. **\$59.50**

No. 8A-25O5—"Little Paymaster".—Oil Heated Unit. Fitted with a dependable, kerosene-burning Oil Lamp Heater with No. 3 double-wick burner in top deck. Ship. Wt. 350 lbs. Price. **\$59.50**

F. O. B. Quincy, Ill.

Brower's 100-a-Week DeLuxe Broiler Plant



**U. S. Patent
No. 1961682**

Here Is Your Profit!

You know what a day-old chick costs. . 5 to 10c. It takes six pounds of feed to produce a two-pound bird. That feed, at present prices is worth about 18c. Even when feed is high, it doesn't run much more. Your fuel and electricity will not run as much as a penny a bird. 24 to 29c. per bird will take care of the cost for you.

Battery Broiler Meat is seldom quoted as low as 20c. per lb. Even in the summer time, it is worth that much or more. That means you practically double your money on every bird you produce.

But summer only lasts three months out of the year. The other nine months you get more. Even 35 to 45c. per lb. is not uncommon for fresh killed broilers in the winter time when there are very few to be had.

You have 100 of them to sell every week. . . 5200 two-pound broilers a year. You make a clear profit of 20 to 60c. on every one of them. Figure it up!

Returns Big Profits the Year 'Round

Never before has such a dependable and efficient Broiler Plant been offered to poultrymen. This Plant affords 23,520 square inches of brooding space . . . plenty of headroom . . . and ample feeding capacity. There is no crowding in the brooders or at the feed troughs. This means healthier chicks and better quality broilers ready for market in less time and at less cost. Brover's DeLuxe 100-a-Week Plant is built compact . . . only 12x20 ft. of floor space is needed and this allows plenty of room to work around the brooders when feeding and cleaning.

3 Fine Equipment Units

THE STARTING BROODER

With this plant only eight to ten weeks are required to produce 1/2- to 2-1/2-lb. broilers. The Starting Unit is our regular No. 5505 DeLuxe Electric Batter Brooder described in detail on pages 34 and 35. In this Brooder you put 100 chicks to the drawer. The first week fill one drawer. The next week, put 100 chicks in the next drawer and third week put 100 chicks in the third drawer. The fourth week the oldest chicks are divided into the two lowest drawers—fifty to a drawer—and you start 100 more chicks in the remaining drawer. By the time another week has rolled around, it is time to take out the first lot of chicks and, in this way, there is always one drawer ready for the next 100 chicks every week.

THE GROWING AND FINISHING UNITS

These are our regular No. 4216 Batteries, fully described on page 37. At the beginning of the fifth week, the oldest chicks are transferred from the Starting Brooder to the Growing Compartments in the top deck of one of the No. 4216 Batteries. The following week, the next oldest chicks are removed from the Starter and put into the top deck of the other No. 4216 unit. The seventh week, the chicks first put into the Growing Compartments are transferred to the drawers below, which are the Finishing Sections of the No. 4216 Battery . . . and here they are kept until ready for market. This schedule will work the Plant to full capacity—producing 100 broilers per week.

\$223.50 Puts You in an Independent Business

Units	Number	Description	Height	Width	Brooding Space	Weight Each	Price Each	Amount
1	8A-6505	Electric Starting Brooder	73 in.	37x38 in.	4320 sq. in.	275 lbs.	\$60.70	\$ 60.70
2	8A-4216	Growers and Finishers	72 in.	50x72 in.	19200 sq. in.	395 lbs.	81.40	162.80
Total Cost of complete 100-a-Week DeLuxe Broiler Plant, 3 units, ready to operate.								\$223.50

F. O. B. Quincy, Ill. Shipped K. D. Easily set up.

THIS PLANT FOR 125 BROILERS EACH WEEK

U. S. PATENT
No. 1961682



No. 5216
Finishers

No. 520
Intermediate

No. 65
Starter

**You Can
Start Now!**

Within four months you should have all your money back again. You will make money easier and quicker than you ever thought possible. It is being done in all parts of the country. It will be done by somebody in your community. It might as well be you.



Armco Water
Troughs and
Drop Pans

A COMPLETE BROILER FACTORY

Each week, put 125 chicks in the No. 6505 Starting Brooder. At 3 weeks of age, the chicks are transferred to the No. 520 Intermediate Growing Brooder where they remain for 2 weeks. At the end of this period, they are placed in the No. 5216 and are kept here until ready to be marketed as broilers. It starts an endless chain of profits for you. You put in little chicks weekly and take out fancy broilers.

STARTING BROODER

This is our No. 6505 DeLuxe Electric Brooder, shown on pages 34 and 35. Where electricity is not available the No. 6555 Oil or No. 6G55 Gas Heated Starting Brooders may be used. In the starting brooder is found every essential feature for brooding chicks with the lowest mortality rate. Plenty of feeding and watering space is provided for speedy growth. Mounted on easy rolling casters, the Brooder can be moved about at will.

THE INTERMEDIATE BROODER

This is our regular No. 520 Growing Brooder described on page 36. As soon as the chicks have passed their three weeks in the Starting Brooder, they are put into this unit until they are in full feather, which usually requires about two more weeks.

THE FINISHING BATTERY

After the chicks are feathered they no longer require the close protection of the Intermediate Brooder. They do, however, require more room. They are accordingly placed in the finishing brooders (regular No. 5216, see page 36) where they remain until they are ready for market.

With this plant, 7 to 10 weeks are required to produce 1-1/2- to 2-1/2-lb. broilers. Whatever size broiler is in favor in your locality is the size broiler to produce.

All you have to do is put in the chicks every week, keep the feed and water troughs filled, keep the place clean and market your Broilers. A boy or girl can do it. Your wife can take care of the plant while you are away and it will scarcely interfere with her housework at all.

One more thing: This is extra fancy broiler meat and worth more than the market price paid for the average farm raised broiler. You can ask a premium and get it. You have fresh live broilers every week. In the high price season, you will be one of the few who have them. People do not buy cold storage Broilers when they can get fine fresh Broilers. You will have a ready market for all the battery fed broilers you can raise at fancy prices.

\$297.00 STARTS THIS PLANT TO WORK

No.	Units	Description	Height	Width	Brooding Space	Weight Each	Price Each	Amount
8A-6505	1	Electric Starting Brooder	73 in.	37x38 in.	4320 sq. in.	275 lbs.	\$60.70	\$ 60.70
8A-520	1	Intermediate Brooder	76 in.	43x48 in.	5775 sq. in.	325 lbs.	63.00	63.00
8A-5216	2	Finishing Brooders	72 in.	54x78 in.	19200 sq. in.	448 lbs.	86.65	\$173.30

Total Cost, 125-a-week plant, 4 units, complete, ready to operate. \$297.00

F. O. B. Quincy, Ill.

You Can Start Small and Build Up a Big Year 'Round Business

Brower's 100- and 125-a-Week DeLuxe Broiler Plants have been extremely popular with poultrymen ever since they were first offered. These plants are large enough to return a worthwhile profit and yet not too large for the beginner. These Broiler Plants can be taken care of by the average office or factory worker in his spare time. Think of it! You can add materially to your present income in return for only a few hours' time each week in caring for the Plant. You can build up a nice business while you are still employed and, with the proper management of your Plant, you can soon devote your entire time and effort to broiler raising and have a paying business of your own. Many of today's successful Broiler Plant operators started with a 100- or 125-a-Week Plant or even smaller capacity and added to their equipment as their business and finances warranted.

The case of Mr. L. G. Brady in Ohio, offers a typical example. Mr. Brady first installed Brower Battery Brooding Equipment in November of 1936, with a capacity for fifty broilers per week. Since that time, he has been steadily adding to his equipment until he now has a plant capable of turning out 400 broilers a week. In April of 1937, Mr. Brady wrote: "I am very much pleased with all of my Brower Equipment. I will double my present equipment soon. I am getting wonderful results and could sell 1000 broilers a week if I could turn them out." This was followed up by his letter of October 23, 1937, in which he tells of plans for further expansion: "I will soon need four more Brower Growing and Finishing Batteries. I also want to thank you for your cooperation and, believe me, I boost the Brower Company and Brower Equipment every time I get a chance." Mr. Brady's Broiler Plant is shown on page 99.

Read What Brower Users Say—

Profits Run Nearly 100%

Brower Mfg. Co.
Quincy, Ill.

Gentlemen:

Are more and more pleased with our business and want to double our capacity very soon now, as our profits run nearly 100% so far—not allowing anything for our work, of course. We have a market for all we can sell but the demand here is for a little larger chicken. We need an auxiliary Battery to finish out to a 3 lb. or larger chicken.

W. M. Turner,
Indiana.

Highly Pleased with the 100-a-Week Plant

Brower Mfg. Co.
Quincy, Ill.

Gentlemen:

I received my 100-a-Week DeLuxe Broiler Plant on the 9th of November. It is very satisfactory, and I am very highly pleased with it. I hope to be able to add other equipment this next year, so please keep me on your mailing list. Again thanking you for your kindness in this matter, I am

Yours truly,
L. C. Cox,
Oklahoma.

Raised 1000—Less than 3% Mortality

Brower Mfg. Co.
Quincy, Ill.

Gentlemen:

I am today mailing to you the automatic thermostat heat control which was out of order. Thanks for the new one. It is working all right and the Brower Battery Brooder is doing fine. I raised five lots of chicks of 200 each, with a loss of less than 3 per cent.

H. J. Parrott,
Illinois.

"Easily Assembled", says Mr. Martin

Brower Mfg. Co.
Quincy, Ill.

Gentlemen:

I had no trouble whatever with the assembly of the Brower DeLuxe Broiler Plant. I have set up all kinds of farm machinery and equipment and will say that I have never assembled anything that lined up so perfectly or so quickly. I am very much pleased with the appearance of the Batteries.

Gero W. Martin,
New Hampshire

This Attractive 2-Color Outdoor Sign Will Help You Sell More Broilers

The merchandising of your product will, of course, have an important bearing upon your profits. A broiler produced in Brower Battery Brooders is much more tender and delicious than range-fed birds. Therefore, you should receive premium prices for your battery-raised broilers. With each Broiler Plant, a booklet is furnished, which gives numerous suggestions for marketing battery-raised broilers at good prices.

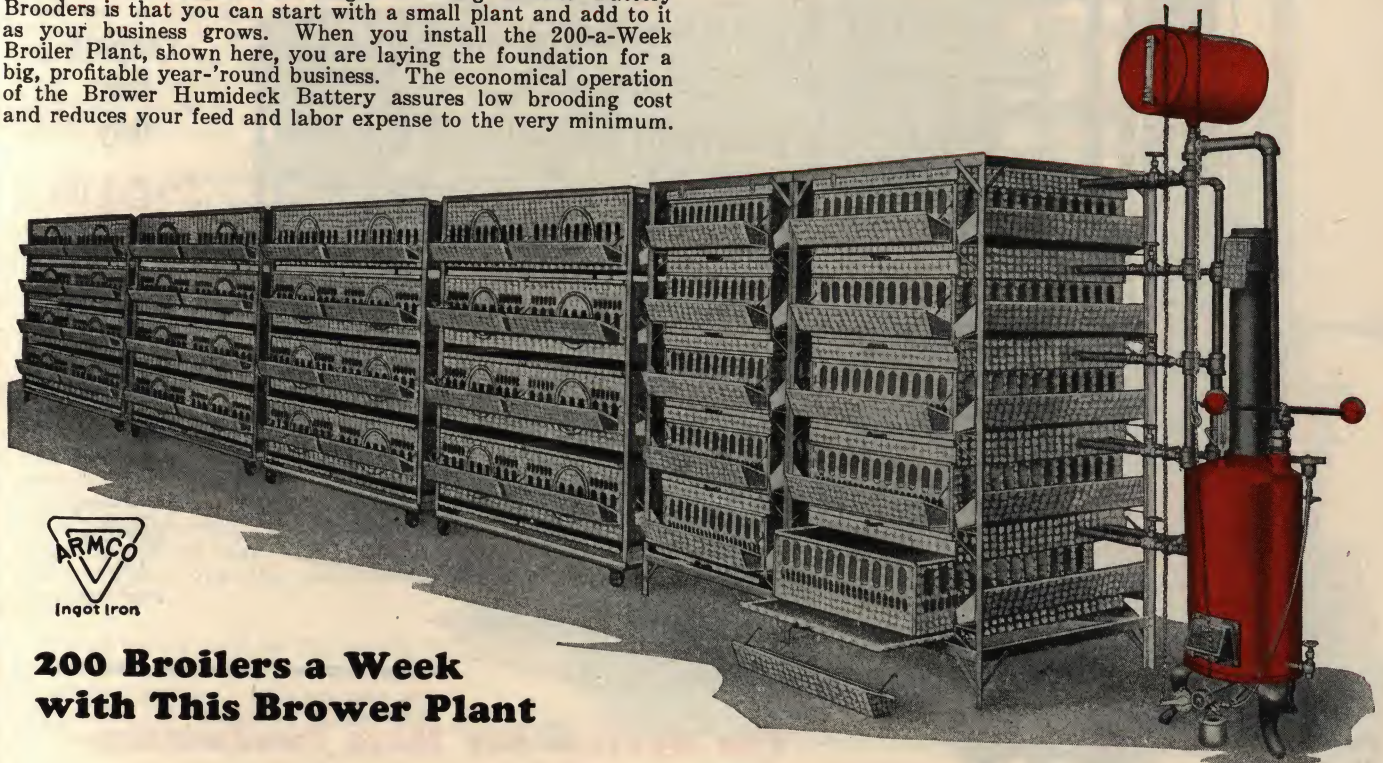
To further assist you in selling more broilers at premium prices, we offer this two-color Baked Enamel All-Weather Outdoor Sign, as illustrated at the right. This sign, hung in front of your broiler house or store, will attract the eyes of many passers-by and many of them can be developed into steady weekly customers.

This sign will be furnished FREE with your order for any complete Brower Broiler Plant purchased from this Catalog. Additional signs may be had at the rate of \$3.75 each. Size of sign 28x18 in. Blue background, white lettering. Remember, this sign is baked enamel on heavy gauge iron. It is weather proof and will last a lifetime.

**FRESH TENDER
BROILERS
THE FINEST CHICKEN
YOU EVER ATE
RAISED IN BROWER'S SANITARY
BATTERY BROODERS**

Here Is the Plant Recommended for Commercial Broiler Production

One of the biggest advantages of using Brower Battery Brooders is that you can start with a small plant and add to it as your business grows. When you install the 200-a-Week Broiler Plant, shown here, you are laying the foundation for a big, profitable year-'round business. The economical operation of the Brower Humideck Battery assures low brooding cost and reduces your feed and labor expense to the very minimum.



**200 Broilers a Week
with This Brower Plant**

A Big Opportunity Awaits You!

Here is the ideal Plant for the one who wishes to build up a mammoth, independent business of his own and make big profits. It consists of one ten-drawer Humideck and four No. 4216 Growing and Finishing Batteries. View shows the Humideck equipped with Brower's Oil Burning Heater, No. 210H, which has ample capacity to take care of the brooding requirements. However, where no other provision has been made for heating the Growing and Finishing Rooms—it is recommended that the Brower No. 400 Boiler be used to provide a room temperature of about 70 degrees. No other heater is required in the building when the No. 400 Boiler is installed. You simply attach radiators or a pipe coil system, placing same in the Growing and Finishing Rooms. Your operating cost is low for you can brood large quantities of chicks at a time. The big No. 400 Boiler will furnish the chicks with an abundance of warm, moist air—not dry heat, but soft, steady heat that will grow better birds for you.

Add to the Plant as Your Business Grows

The capacity of this Plant can be increased readily, without ever discarding a single piece of its equipment. Here is how it is done—by adding one No. 4216 Grower and Finisher, the Plant is increased to 250-per-Week capacity. Add two No. 4216 Finishers and you have a 300-per-Week Plant. Do like many others have done with Brower Equipment—start with a small Plant and add to it as your business grows.

Hundreds have started with a small, Brower Humideck Hot Water Starting Brooder and later on enlarged their Plant as their broiler business increased. They have chosen Brower Battery Brooding Equipment because it is more efficient, more economical, more durable and more convenient—because

it embodies all those features that are so vital to the successful brooding of chicks from day-old to broiler age. In the Brower Plants, Brower offers you the same opportunity to establish yourself in this new and vastly profitable enterprise. No other business can be started on such a small investment and built up so rapidly.

You take no risk when you invest in Brower Battery Brooding Equipment. It is the result of years of experience with poultry and is preferred by leading hatcherymen and poultry breeders all over the United States and Foreign countries.

Turn your spare time into big weekly profits! You don't have to be experienced in poultry raising to make money with this Brower 200-a-Week Broiler Plant. Some of the most successful broiler raisers are former business men, clerks, factory workers, without previous experience with poultry. The fact that you are now employed should in no way keep you from getting started, in this profitable business. A few hours each week will care for the Plant, and once you have it installed and operating, you have the foundation for a big paying business.

200-per Week Broiler Plant

1—No. 2010—Brower 10-Drawer Humideck System complete with Oil Heater as shown on page 29. Price... **\$288.75**

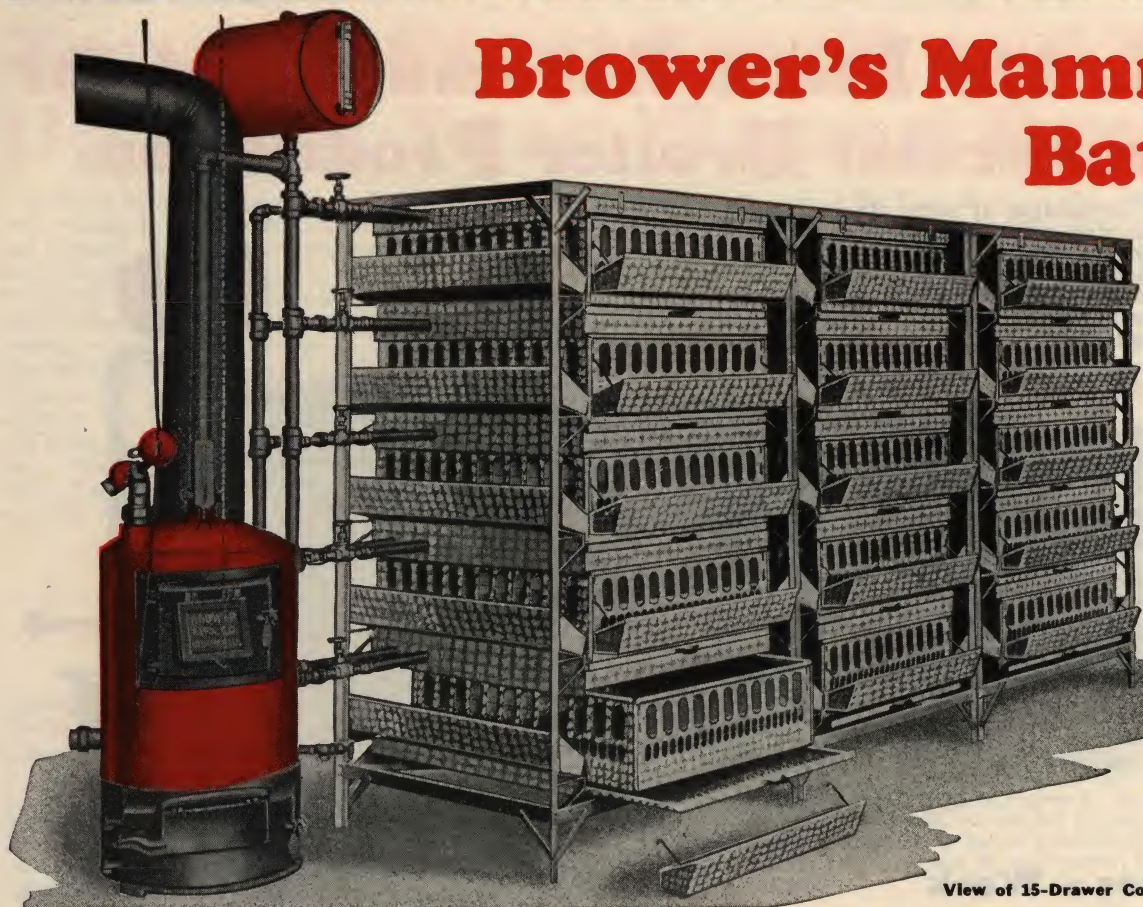
4—No. 4216—Brower Growing and Finishing Batteries at \$81.40. Described on page 37..... **\$325.60**

Total Cost of complete **200-a-week Plant**..... **\$614.35**

F. O. B. Quincy, Ill.

No. 400—Coal Burning Hot Water Boiler furnished on above Humideck, in place of the Oil Heater, at an extra charge of..... **\$ 21.00**

Brower's Mammoth Battery



Complete
Unit
Only

\$399.00

**This System
Sets Startling
Records for
Profits in
Raising
Chicks**



View of 15-Drawer Coal Burning Humideck

**Brower's
No. 400
Hot Water
Boiler**



The System for Mass Production

Here is the Battery Brooder that has made good with the poultrymen. It is installed in the World's largest brooding plants and is unquestionably a favorite. Everything a battery should have for the successful raising of chicks, poults or ducklings is found on this Brooder. It represents an entire lifetime of accumulated poultry knowledge and will raise more chicks to broiler size during the year than can be raised on the average 10-acre poultry farm.

The Single Type System, shown above, is ideal for placing along the wall of the brooding room. This is our No. 6001 unit with the No. 400 Boiler. The No. 6004 Double Type Humideck consists of two 15-drawer sections placed back to back, for installation down the center of the room, allowing a 3-1/2 to 4 ft. aisle on each side along walls. Any capacity can be installed and additional sections may be added as needed. See price of additional units below.

Coal or Gas Burning Boiler

The Hot Water Boiler furnishes all the heat needed in the brooder and maintains correct room temperature in a room of proper size and construction. In addition, it has ample capacity to take care of additional radiation for Growing and Finishing Rooms in the Broiler Plant. All Systems listed below are equipped with the No. 400 Coal Burning Boiler shown at left and described on page 30. If Gas Burning Equipment is wanted, we install the No. 910 Gas Burner and copper heating coils in the boiler at an additional charge. Gas Burner is fully described on page 30.

Each drawer has a warm air chamber curtained off from the fresh air and exercising chamber. The feed pans and Armco Ingot Iron water troughs are outside, where chicks can get to them at any time but cannot waste feed. All droppings fall through the 1/2x1/2-in. mesh wire floors, into the sanitary Armco Ingot Iron clean-out trays below. Cleaning this brooder is but the work of a few minutes.

Brooders are shipped K. D. Complete with all fittings, piping and directions for erecting and operating. For additional information regarding the many Humideck features see pages 16 and 17.

Equip Your Broiler Plant Now

	Number Drawers	Day-Old Chick Capacity	Length Over-All	Width Over-All	Height Over-All	Shipping Weight	Complete System
No. 8A-6001—Single Type Humideck System	15	2475	13 ft.	3 1/2 ft.	7 ft. 4 in.	1600 lbs.	\$399.00
No. 8A-6002—Single Type Humideck System	30	4950	25 ft.	3 1/2 ft.	7 ft. 4 in.	2800 lbs.	677.25
No. 8A-6003—Single Type Humideck System	45	7425	35 ft.	3 1/2 ft.	7 ft. 4 in.	4100 lbs.	945.00
No. 8A-6004—Double Type Humideck System	30	4950	13 ft.	7 ft.	7 ft. 4 in.	2900 lbs.	677.25
No. 8A-910—Gas Burning Equipment installed in No. 400 Boiler, extra charge.							47.25
No. 8A-521—Additional 5-Drawer Battery Unit with piping, ready to attach to any of the above Systems, price per 5-Drawer unit.							89.25

All Prices F. O. B. Quincy, Ill. Write for prices on Larger Systems.

Hot Water Humideck Brooding Equipment

Hot Water Battery Brooding is the real way to raise Broilers, Pullets, and Started Chicks in quantity. It is the big system . . . the one in favor by the man who demands that quantities of high-class birds be produced at the lowest possible cost.

This is the cheapest operating system in the world. It saves time, for the chicks grow by leaps and bounds. It saves labor, for the birds can be attended to in just a few minutes a day. It saves fuel, for there is only one fire and a few cents worth of fuel will run it all day. It grows better birds, for the hot water supplies soft, steady heat and helps them over the critical time in the life of a chick. It saves floor space, for with this System, you can raise more chicks in an ordinary room than you could on a ten-acre farm in the old way. The heat is supplied by a series of hot water heating pipes which run along over the top of the drawers near the back. This puts the heat correctly over the backs of the chicks.

By all means, consider this battery if you contemplate going into brooding on a commercial scale. It is not only recommended for chicks, but is also ideal for brooding turkey poults.



U. S. PATENT
No. 1961682

No. 2010 Humideck with Oil Heater

All Steel Lifetime Construction

Most sanitary brooder ever built. Constructed entirely of steel. No wood parts to warp, split, crack, or harbor lice and mites. Every part cleanable and easy to clean. Frame staunchly built of angle iron, securely braced. Drawers are removable. Built large and roomy of heavy galvanized steel with all edges rolled smooth for extra strength. Inside dimensions 33x35 inches, 11 inches high. Well ventilated and plenty large enough for full size broilers, ducklings, or poults. Removable **Armco Ingot Iron** clean-out trays fit snugly under the heavy, galvanized tinned wire floors. No floor drafts. Feed holes have special adjustment to take care of any size chick or broiler. When chicks grow too large to feed through the bottom holes, simply remove screen windows and raise troughs to level of upper holes. Two feed troughs and one rust-resisting **Armco Ingot Iron** water trough on each drawer, correctly placed outside to avoid contamination of feed and eliminate feed waste. All drawers fitted with tinned wire floors of 1/2x1/2-inch mesh. Special valves in piping system allow the operator to regulate the temperature in each deck within the range of 70 to 100 degrees, irrespective of other decks. This means correct temperature for all chicks, regardless of age.

The Humideck Systems, listed below, are complete in every detail. They include the Battery Units in 5-drawer tiers and an efficient hot water heating system, with Oil or Coal Heater as ordered. Easily assembled. Shipped knocked down, in sections, with all necessary fittings, piping and full directions for erecting and operating.

Oil, Coal or Gas Heated

These Humideck Systems are furnished for Oil, Coal or Gas Heat. The Oil Burning Models come equipped with the efficient No. 210H Oil Heater, as shown above. This oil burner operates successfully on either cheap fuel oil—38-40 distillate—or kerosene (common coal oil) and is unusually economical in fuel consumption. Uses only 2 to 5 gal. a day and is furnished with a large 8 gal. oil tank.

On the Coal Burning Systems, Brower's regular No. 150 Boiler with coal grates is standard equipment at the prices listed below. Where Gas Burning equip-

ment is desired, Brower's No. 911 Gas Burner with copper heating coil is installed in the No. 150 Boiler at an additional charge. The No. 150 Boiler and Gas Burner are fully described on page 30. (Gas Burner is also furnished for bottled gas on special order).

The No. 150 Boiler has ample capacity to take care of as many as 20 brooder drawers. If additional Battery Units are to be added later, or if additional radiation is needed for the growing and finishing rooms in the Broiler Plant—then our regular No. 400 Boiler, shown on page 30 is recommended and will be furnished on order at an additional cost (in place of the No. 150).

Recommendations for Broiler Plants

For a 250-per-Week Broiler Plant, use

1 No. 2010 Humideck Battery Brooding System with No. 400 Boiler for starting the chicks . . . \$309.75

5 No. 4216 Growing and Finishing Batteries (page 37) at \$81.40 . . . 407.00
Total Cost of Equipment . . . \$716.75

For a 500-per-Week Broiler Plant, use

1 No. 2020 Humideck Battery Brooding System with No. 400 Boiler for starting the chicks . . . \$488.25

10 No. 4216 Growing and Finishing Batteries (page 37) at \$81.40 . . . \$814.00
Total Cost of Equipment . . . \$1302.25

The above equipment is complete—there is nothing else to buy. A suitable, well-ventilated building, plus this equipment, makes the finest Broiler Plant of like capacity that money can buy. For other recommendations of Broiler Plants, see page 32.

Specifications and Prices

Catalog No.	Complete with Heater Specify type of heater wanted	Number of Drawers	Day-Old Chick Capacity	Length Over-All	Width Over-All	Height Over-All	Shipping Weight	Complete System
8A-2010—Humideck	No. 210H Oil or No. 150 Coal Boiler	10	1650	10 ft.	8½ ft.	7 ft. 4 in.	1150 lbs.	\$288.75
8A-6001—Humideck	No. 210H Oil or No. 150 Coal Boiler	15	2475	13 ft.	8½ ft.	7 ft. 4 in.	1600 lbs.	378.00
8A-2020—Humideck	No. 210H Oil or No. 150 Coal Boiler	20	3300	16 ft.	8½ ft.	7 ft. 4 in.	2100 lbs.	467.25
8A-911—Gas Burning Equipment installed in No. 150 Boiler, extra charge								42.00
8A-400—Coal Burning Boiler furnished on above Systems (in place of No. 150) at extra charge of								21.00
8A-521—Additional 5-Drawer Battery Unit with piping, ready to attach to any of above Systems, price per 5-Drawer Unit								89.25

All Prices F. O. B. Quincy, Ill.

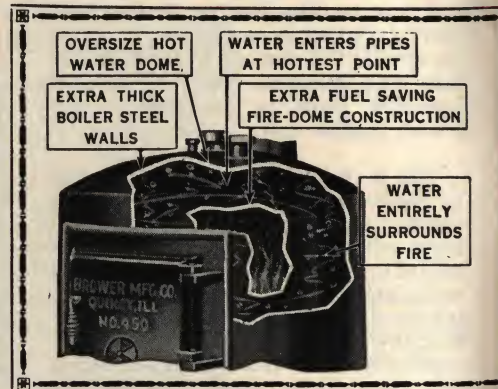
\$103

AS SHOWN

Brower's Hot Most Efficient Boilers

No. 400

Note the sturdy construction of this doubly efficient hot water boiler. Built on the famous Brower principle that has been so successful for so many years. Water entirely surrounds the fire. Positive hot water regulator control. Nothing to go wrong. No cast-iron water jacket to crack or break. The oldest No. 400 Boiler is still giving excellent service. Fine for heating small greenhouses, laying houses, shops, bungalows, etc.



FOR MEDIUM SIZE PLANTS

Brower's No. 400 Hot Water Boiler is a marvelous unit for all medium size Brooding Plants. It will furnish plenty of heat for colony brooder houses up to 75 feet of brooder run. It will furnish enough heat for Humideck Hot Water Battery Brooders with up to 20,000 day-old chick capacity. Costs only 15 to 50c per day to operate.

Built throughout of heavy boiler plate with inner and outer walls $1\frac{1}{2}$ in. apart. This allows ample water capacity but not enough to interfere with rapid heating. The water entirely surrounds the fire and circulates upward along the sides of the fire box from which it goes into the water dome for a final blast of intense heat before entering the brooder or heating pipes. In this way all heat is utilized—there is no waste of fuel. The base is cast-iron with large round oversize 16 in. shaker grate; the doors are machine fitted with automatic drafts which are regulated by the action of the automatic thermostat heat regulator. Burns any kind of fuel, hard or soft coal, coke, wood or may be fitted with gas burner. Height over-all 36 in.; size of pipe collar 7 in.; height to outlet 40 in.; to return pipe 12 in.; height of fire box 26 in. Water jacket has $\frac{1}{2}$ -in. drain valve, 2-in. outlet fitted with $1\frac{1}{2}$ -in. pipe connections.

No. 8A-400 Boiler complete as shown, with automatic thermostat hot water heat regulator, accurate hot water thermometer, expansion tank and water gauge, chain and pulleys for connecting draft and damper. Approximate shipping weight 258 lbs. Price..... **\$103.00**

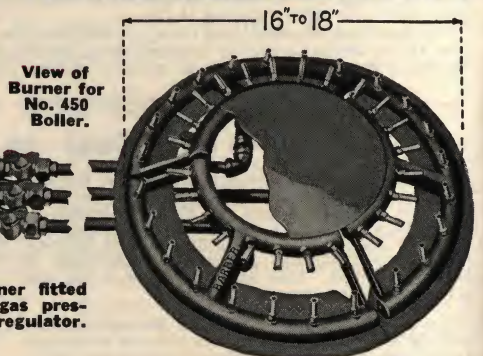
No. 8A-400 Boiler only, less the fittings mentioned above, weight 185 lbs. Price..... **79.00**
F. O. B. Quincy, Ill.

Gas Burners and Coils for Brower's Hot Water Boilers

This is the equipment to install if your Brooding Plant is located in a natural gas district. Installed in a regular coal burning boiler or heater, it makes the system 100% self regulating. Automatic control regulates gas supply and temperature of water, and prevents waste of gas from overheating. Notice the illustration at the left. The double coil circulates the water directly over the flame, so the moment you light the gas, circulation starts. Easy to install. Complete instructions furnished. Burners built for artificial or natural gas. Specify kind of gas used. All Burners listed here are complete with Gas Pressure Regulator, Gas Balanced Regulating Valve, Shut-Off Cock and Pipe Connections.

No. 8A-913—Gas Burner for No. 150 Boiler. Dia. 8 in. Complete with Steel Base. Wt. 12 lbs..... **\$21.55**

No. 8A-911—Same as above, with Double Copper Coils installed in No. 150 Boiler. See View 1. Price..... **42.00**



Costs Very Little to Install

No. 8A-912—Gas Burner for No. 400 Boiler. Dia. 10-5/8 in. Complete with Steel Base. Wt. 15 lbs... **\$29.40**

No. 8A-910—Same as above, with Double Copper Coils installed in No. 400 Boiler. See View 1. Price..... **47.25**

No. 8A-914—Gas Burner for No. 450 Boiler. Dia. 16 to 18 in. Complete with Steel Base. Wt. 50 lbs..... **\$2.50**

No. 8A-915—Same as above with Double Copper Coils installed in No. 450 Boiler. See View 1. Price..... **73.50**

All F. O. B. Quincy, Ill.



Water Boilers

Ever Built for Heating Purposes

Hot Water Dome

A Feature of Brower's Nos. 400 and 450 Boilers

Brower's coal burning hot water boilers are built of extra heavy material to stand years of hard service. Steel walls securely welded at all points. No cast-iron parts to freeze or break. The hot water outlet takes off at the top of the dome directly over the hottest point of the flame. Circulation is natural and positive, at lowest fuel cost.

No. 450

Not only the largest boiler steel hot water heater ever built for brooding purposes, but also the most efficient, the most trustworthy and the most economical in fuel consumption. No matter how the weather may change... no matter what happens, you can depend on this boiler to adjust the temperature in your brooder house correctly and quickly. For houses from 75 to 200 feet in length.

Brower's No. 450 Red Jacket is an extra heavy oversize Boiler made with double water jacket, heavy boiler steel inside and out. No cast-iron fire jacket to crack or freeze. The base and fittings are heavy cast-iron. Water entirely surrounds the fire so circulation is instantaneous. Burns anything—hard or soft coal, coke, wood, or can be fitted with gas burner. It is 50 in. high and 25 in. wide. The outlet openings 2-1/2 in. Return openings 2 in. Smoke pipe 7 in. Height of fire box 29 in., diameter 20 in. Base 12 in. high, diameter 30 in. Fuel door 8 x 9 in. All fittings, door and base enameled gloss black, body enameled a rich scarlet. A fine heater for garages and shops.

No. 8A-450—Brower's Red Jacket Boiler complete as shown with fittings, thermostat heat regulator, thermometer, expansion tank, and water gauge. Shipping Weight 535 lbs. **\$160.00**

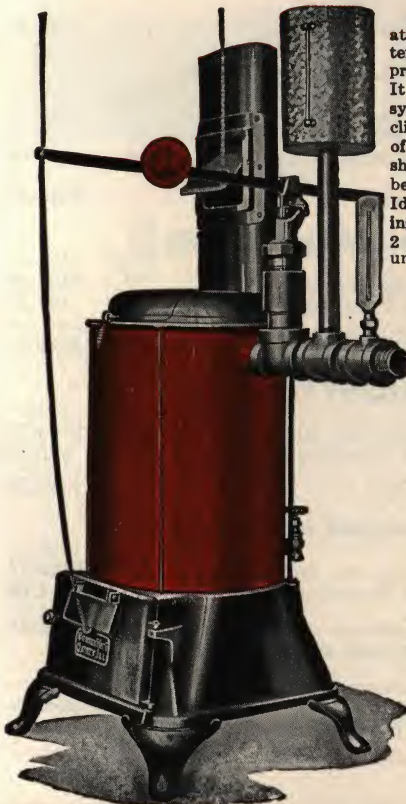
No. 8A-450—Boiler complete, less fittings mentioned above. Shipping Weight 515 lbs. Price **\$134.00**

No. 8A-657—Galvanized smoke pipe 7 in., 28 gauge, per 24 in. joint. **.50**

No. 8A-637—Galvanized roof saddle and cap, 7 in. Price **2.65**

F. O. B. Quincy, Ill.

No. 150 Boiler



Specially built for efficient operation of the smaller brooding systems. Its performance will surprise the most exacting poultryman. It will handle a colony brooder system up to 30 ft. long in most climates. Fine for use as a source of hot water for homes, barber shops, etc. Also excellent for hot beds, small offices, garages, etc. Ideal for removing chill from laying houses up to 50 ft. long—using 2 or 3 heating pipes along wall or under roosts.

Same heavy material and construction as other Brower Hot Water Boilers but with cast-iron top instead of water dome. Heavy boiler steel fire box with 1 1/4 in. space between inner and outer walls. Height over-all 34 in.; to outlet 29 in.; to return pipe 16 in. Fire box 18 in. high, diameter 13 1/2 in. Pipe collar 6 in. Large ash box and heavy draw center cast-iron 10 1/2 in. grate. Two 1 1/2 in. pipe connections.

ECONOMY PLUS

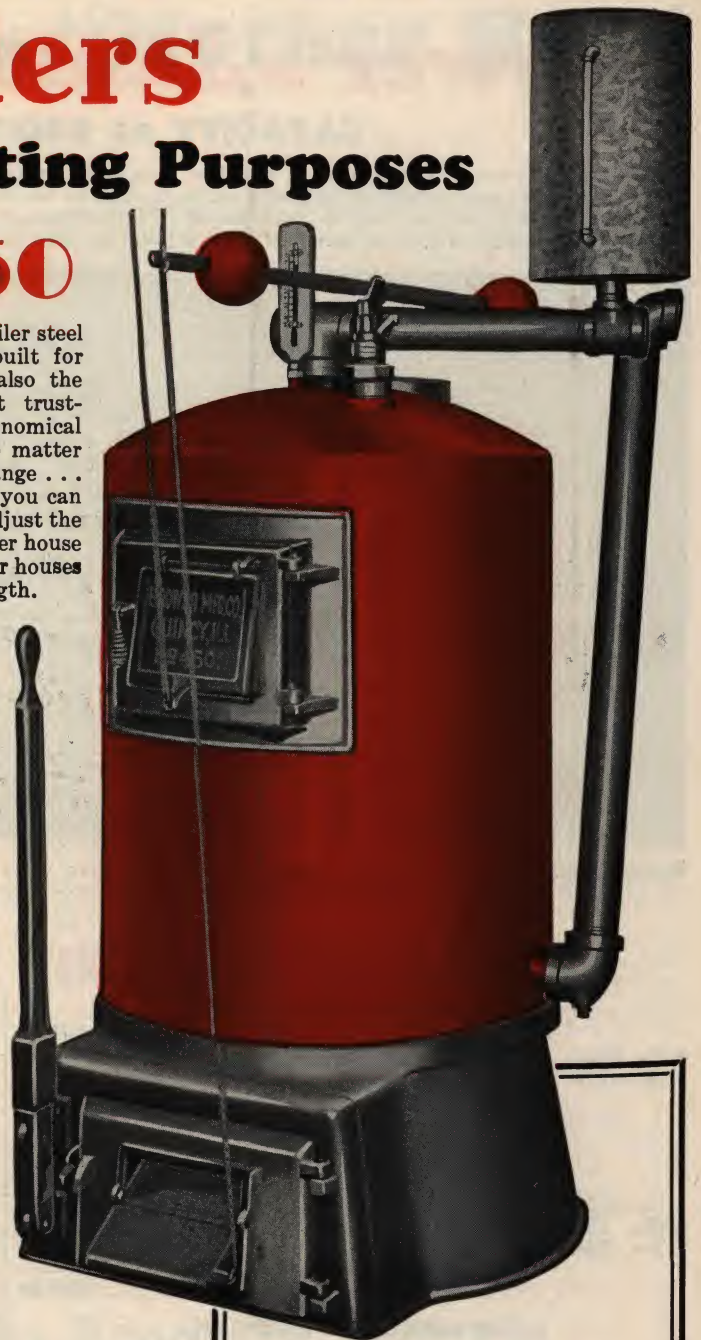
No. 8A-150—Boiler, complete as shown with automatic thermostat heat and draft regulator, 1 joint pipe, check draft, 1/2-in. drain valve, expansion tank, and thermometer. Weight 190 pounds. Price **\$77.00**

No. 8A-150—Boiler, only less regulator, expansion tank, thermometer and pipe fittings, but with 1/2-in. drain valve, wt. 170 lbs. Price **47.00**

No. 8A-656—Galvanized smoke pipe 6x24 in. **.45**

No. 8A-636—6 in. galvanized roof saddle and cap **2.35**

All prices f. o. b. Quincy, Ill.



Massive Base and Rocker Grates

Brower Boilers are supplied with three-section 20 in. diameter rocker grates and there is room in the ash pit for a large accumulation of ashes. This prevents hot cinders from banking up below the grate and causing warpage and trouble.

Brower's Junior Broiler Plant

CAPACITY 25 BROILERS EVERY WEEK

For those who want to produce only a limited number of broilers, this Plant is ideal. It is fine for the city dweller, the farmer, the laborer . . . every household can raise all the broilers he needs and have some to sell to the neighbors besides. It is big enough to produce 25 broilers a week all the year 'round. Small enough to be set up in any ordinary room, basement, attic, garage or shed, and efficient enough to operate wherever the temperature does not fall below 50 degrees.



The Starting Unit is our regular two-drawer No. 6502 DeLuxe Electric Battery, described on pages 34 and 35 . . . but with the top drawer divided into two sections by a center partition. The first week 25 chicks are started in one section, and the following week the opposite section is filled. The third week, the oldest chicks are moved into the bottom drawer . . . and the next week are transferred to the Growing and Finishing Battery. In this way, there is always one section in the top drawer ready for the next 25 chicks every week. This Electric Battery is all that a Starting Brooder should be. It raises the chicks . . . gets them ready for the Finishing Unit in short order. Specifications: Height 36 in. Width 37x38 in. Weight 130 lbs. Price \$28.55

The Finishing Unit is our standard No. 420 Growing and Finishing Battery, described on page 37. It is built right from the ground up. Plenty of floor space, plenty of headroom, plenty of feeding space. Here the young birds grow and develop in record time. Broilers weigh 1½ to 2½ lbs. at 7 to 10 weeks of age. Specifications: Height 72 in. Width 35x50 in. Weight 228 lbs. Price \$42.00

Brower's Junior Broiler Plant, complete as shown above, price F. O. B. Quincy, Ill. \$70.55

A Broiler Plant for Every Need!

50 BROILERS PER WEEK

		Page	Price
1 No. 6504	Electric Starting Brooder	35	\$ 51.25
1 No. 4216	Growing and Finishing Battery	37	81.40
Total Cost			\$132.65

65 BROILERS PER WEEK

		Page	Price
1 No. 6504	Electric Starting Brooder	35	\$ 51.25
1 No. 520	Growing Battery	36	63.00
1 No. 5216	Finishing Battery	36	86.65
Total Cost			\$200.90

100 BROILERS PER WEEK

		Page	Price
1 No. 6505	Electric Starting Brooder	35	\$ 60.70
2 No. 4216	Growing and Finishing Units	37	162.80
Total Cost			\$223.50

125 BROILERS PER WEEK

		Page	Price
1 No. 6505	Electric Starting Brooder	35	\$ 60.70
1 No. 520	Growing Battery	36	63.00
2 No. 5216	Finishing Batteries	36	173.30
Total Cost			\$297.00

200 BROILERS PER WEEK

		Page	Price
2 No. 6505	Electric Starting Brooders	35	\$121.40
4 No. 4216	Growing and Finishing Units	37	325.60
Total Cost			\$447.00

All F. O. B. Quincy, Ill.

200 BROILERS PER WEEK

		Page	Price
1 No. 2010	Humideck with No. 400 Boiler	29	\$309.75
4 No. 4216	Growing and Finishing Units	37	325.60
Total Cost			\$635.35

250 BROILERS PER WEEK

		Page	Price
2 No. 6505	Electric Starting Brooders	35	\$121.40
2 No. 520	Growing Batteries	36	126.00
4 No. 5216	Finishing Batteries	36	346.60
Total Cost			\$594.00

250 BROILERS PER WEEK

		Page	Price
1 No. 2010	Humideck with No. 400 Boiler	29	\$309.75
5 No. 4216	Growing and Finishing Units	37	407.00
Total Cost			\$716.75

300 BROILERS PER WEEK

		Page	Price
1 No. 2010	Humideck with No. 400 Boiler	29	\$309.75
6 No. 4216	Growing and Finishing Units	37	488.40
Total Cost			\$798.15

500 BROILERS PER WEEK

		Page	Price
1 No. 2020	Humideck with No. 400 Boiler	29	\$488.25
10 No. 4216	Growing and Finishing Units	37	814.00
Total Cost			\$1302.25

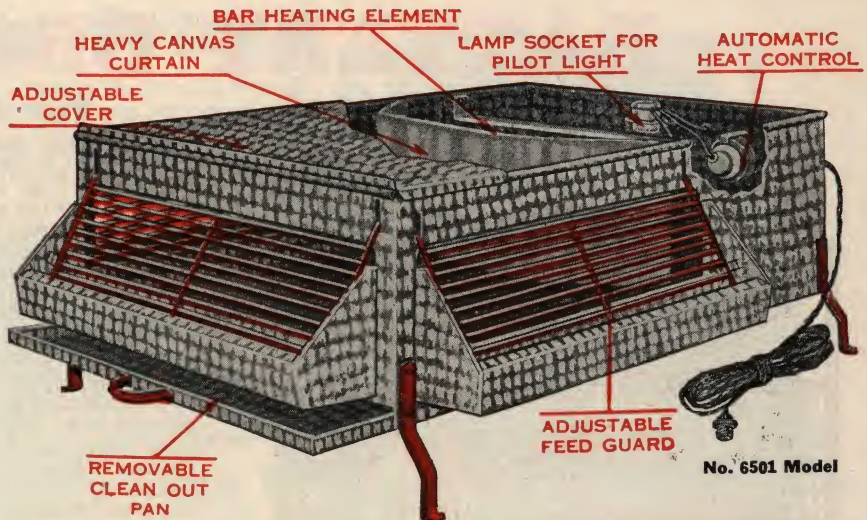
All F. O. B. Quincy, Ill.

Whether you intend to raise 25 or 25,000 broilers each week, there is a Brower Plant to fit your particular needs and pocket-book. Get started now! If electricity is not available, use our Oil or Gas Heated Starting Brooders listed on page 35.

Brower's DeLuxe "Mother Hen" Brooders

The poultryman who wishes to brood from 25 to 125 chicks at a time will find Brower's DeLuxe Mother Hen Brooder the best for the purpose. Practical in design, convenient in operation, sanitary and durable in construction—it embodies every worthwhile feature for the rapid development of big, healthy, husky chicks. It is just the thing for displaying chicks in hatcheries and store windows. It makes an ideal Starting Brooder for small capacity Broiler Plants when used in connection with Brower's Growing and Finishing Batteries. It can be used anywhere—in any room, attic, garage, shed or basement—wherever the room temperature does not fall below fifty degrees.

Brower's DeLuxe Mother Hen Brooder is substantially constructed throughout of heavy galvanized steel and wire, and is rigidly supported by the sturdy iron legs which are bolted to frame. The adjustable sliding top makes it easy to remove chicks. Brooder is built with two compartments, separated by a special heat retaining curtain. The brooding compartment, which houses the heating unit, has solid metal sides to confine the heat. The front section is the exercising compartment, along which the feed and water troughs extend. The water trough and dropping pan are made of rust-resisting Armco Ingot Iron.



No. 6501 Model

Two removable feed troughs and one Armco water trough provide ample feeding capacity and are correctly placed outside so that the chicks can eat all they want at any time but cannot waste the feed or contaminate the water. The Wire Guards are adjustable and may be quickly adjusted for chicks of any age. As the chicks grow older, these Wire Guards are moved outward over the feed troughs, to widen the feed opening and give the birds easy access to the feed and water supply. The sanitary tinned wire floor of 1/2x1/2-inch mesh and the Armco dropping pan below are both instantly removable for easy cleaning.

Oil and Electric Models

Brower's DeLuxe Mother Hen Brooders are made in oil and electric heated styles. Aside from the heating unit, they are identical in design and construction. The Electric Model, shown at top of page, is for use in a room temperature of 50 degrees or over. In this unit, the heat is furnished by Brower's 100-watt Lifetime Guaranteed Electric Heating Element and the electric Thermostat Switch controls the temperature to the desired degree. A 4-ft. length of cord, connection and socket for pilot light are also provided.

The New Improved Oil Heated Model operates successfully in any room where the temperature does not fall below freezing. It incorporates an entirely new heat circulating system. Lamp is located on outside of brooder—not inside with the chicks. Heat is radiated evenly. A special outlet exhausts the fumes and provides perfect combustion conditions. Note view to the left, showing how the Oil Heated Model operates. Height of flame determines the amount of heat produced and is hand controlled.

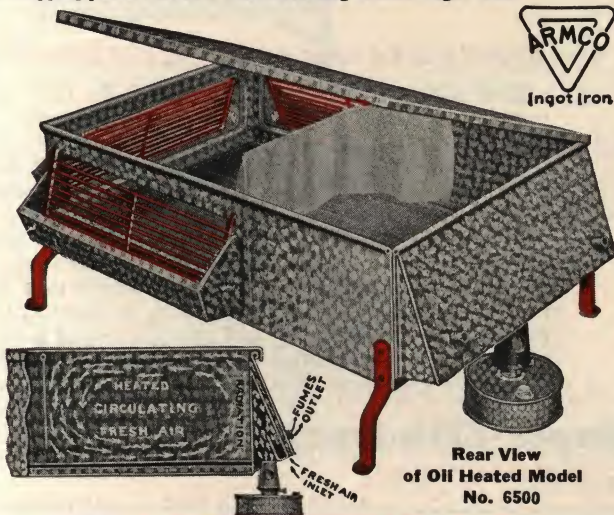
Low Prices—Big Values

No. 8A-6501—Electric Brooder. Capacity 125 day-old chicks. Drawer size 24x36 in., 9 in. high. Over-all height 13-1/2 in. For 110 or 220 volt current (state voltage). Complete as shown. Weight 40 lbs. Price... **\$10.15**

No. 8A-V—Brower's Violet Light Pilot Bulb for above Brooder, extra... **.75**

No. 8A-6500—Oil Heated Brooder. Capacity 125 day-old chicks. Drawer size 24x36 in., 9 in. high. Over-all height 13-1/2 in. Complete with oil lamp heater as shown. Weight 43 lbs. Price... **9.90**

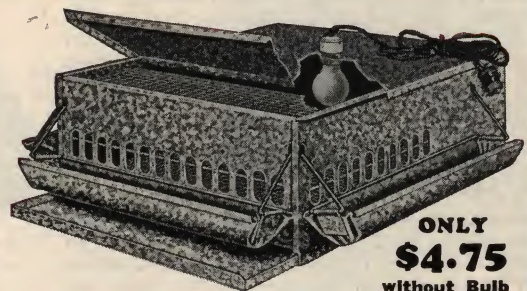
F. O. B. Quincy, Ill.



Brower's Violet Light Economy Electric Chick Brooder

An efficient, low-priced Brooder for the poultryman who wants to brood from 25 to 75 chicks at a time—a splendid little window or counter display unit for the hatcheryman or chick dealer. Clean, safe, and sanitary.

Substantially built of heavy galvanized steel with mesh floor and metal clean-out tray—both removable for easy cleaning. Three outside feed and water troughs afford ample feeding space. The water trough and dropping pan are made of rust-resisting Armco Ingot Iron. Special wire guard makes it possible to adjust size of feed holes for chicks of various ages. Two-section removable metal top. Furnished with a special removable wire screen to replace a top section for the purpose of showing the chicks; to provide additional ventilation, when needed; and for the convenience of removing chicks from brooder. Economical to use. Furnished with Violet Light Bulb, or without... and any 60-watt bulb can be used in its stead. Brower's Violet Light Bulb is recommended, however, as it controls certain chick troubles, such as cannibalism, and makes for greater chick comfort. Operates successfully in a room temperature of 50 degrees or over. Dimensions: 20x24 in., 8-3/4 in. high.



Built to Last—Priced to Sell

No. 8A-104B—Economy Electric Brooder, complete as shown, with Brower Violet Light Heating Bulb, 6-ft. cord and socket connection. For operation in a room temperature of 50 degrees or over. For 32 or 110 volt current—state voltage when ordering. Weight 20 lbs. Complete, ready to operate. Price each... **\$5.25**

F. O. B. Quincy, Ill.

No. 8A-104—Economy Electric Brooder, without bulb, but complete with 6-ft. cord and plug. Any ordinary 60-watt light bulb will furnish ample heat. Weight 20 lbs. Price, each... **\$4.75**

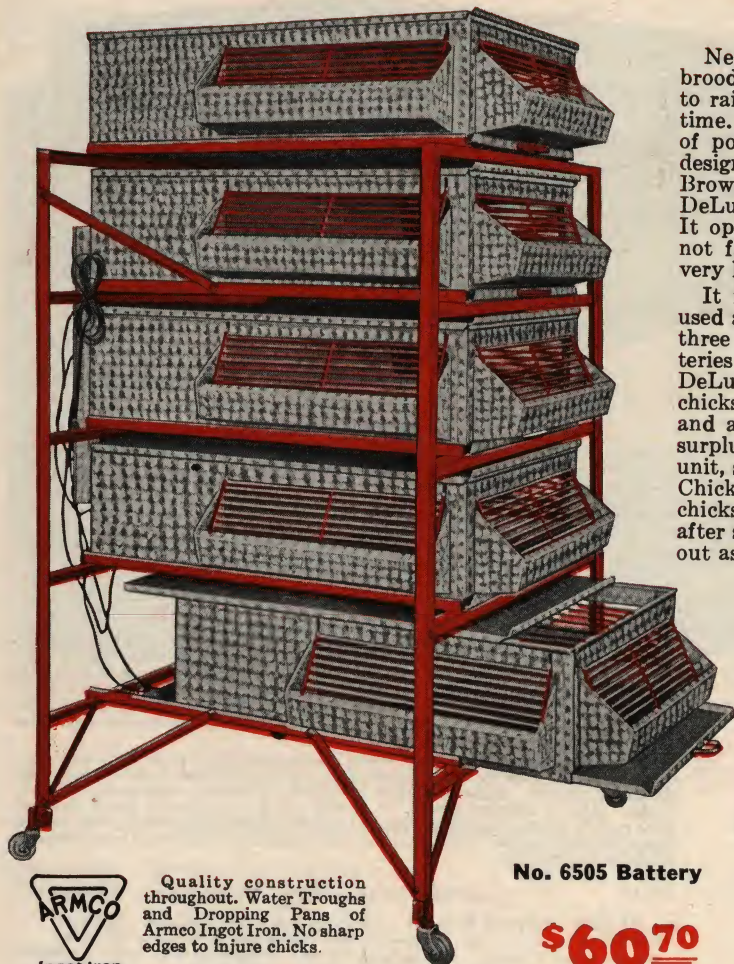
F. O. B. Quincy, Ill.

BROWER'S DeLuxe ELECTRIC BATTERY BROODER

For All Brooding Purposes

Never before has any manufacturer been able to offer a battery brooder that could compete with Brower's DeLuxe when it comes to raising a large percentage of chicks and raising them in a short time. Never has any brooder been able to produce so many pounds of poultry meat at such surprisingly low cost. By constructive design and years of careful study of the chick and broiler problems, Brower has produced the marvel of the chick-raising world. Brower's DeLuxe Battery takes all the guesswork out of battery brooding. It operates successfully in any room where the temperature does not fall below 50 degrees—and it is built compact and requires very little floor space.

It is especially adaptable for use in Broiler Plants where it is used as a Starting Brooder. Here the chicks are raised for the first three to five weeks . . . and are then transferred to Finishing Batteries (see pages 36 and 37). Breeders and flock owners find the DeLuxe Battery the best brooder ever built for starting their chicks. Hatcheries find this Battery ideal for display purposes, and also use it extensively as storage equipment . . . to care for surplus chicks. Each drawer is, in itself, a complete brooding unit, so any number of drawers may be used at a time, as required. Chicks stored in this DeLuxe Brooder can be marketed as "started" chicks just as you have sale for them . . . or they can be transferred after several weeks to Growing and Finishing Batteries and finished out as broilers or pullets.



Quality construction throughout. Water Troughs and Dropping Pans of Armco Ingot Iron. No sharp edges to injure chicks.

No. 6505 Battery

\$60⁷⁰

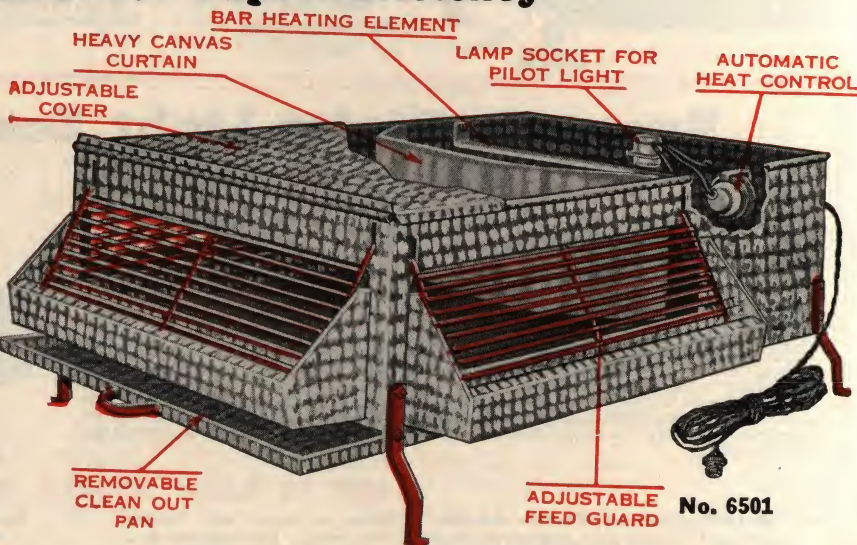
Every Drawer a Complete Brooder

Each and every drawer slides out of the rack as a complete brooding unit and can be sold outright . . . chicks and all . . . to customers wanting fifty to a hundred chicks. Each drawer is fully equipped with electrical equipment, including a 100-watt Brower Lifetime Guaranteed Bar Heating Element, Electric Thermostat Heat Control, cord and socket for pilot light and embodies all the worth while essentials of efficient brooder design. It is the equipment that will raise the largest percentage of chicks in short order, with the minimum of care and attention—and is sure to build customer satisfaction and repeat business for the hatcheryman and chick dealer.

Brower Builds for Super-Efficiency

The drawers are large and roomy, durably constructed of heavy galvanized steel and wire. Each drawer 24x36 in., 9 inches high, with a heat-retaining curtain separating the brooding section from the exercising compartment at front. The solid metal sides at rear serve to further confine the heat in the brooding compartment. Two removable no-waste feed troughs and one rust-resisting Armco Ingot Iron water trough on each drawer provide ample feeding space. Troughs are correctly placed outside so that the chicks cannot waste or contaminate the feed. The adjustable Wire Guards are arranged so that they can be moved outward over the feed troughs to widen the feed opening for chicks of any age.

In each Drawer, a Bar Heating Element furnishes all the heat needed, at low cost, and an Electric Thermostat Switch controls the temperature to the desired degree—without radio interference. An extra heating element, attached to the rack, provides extra heat for the bottom drawer and gives protection against floor drafts. Each Drawer is fitted with a sanitary removable floor of heavy tinned wire in 1/2x1/2-inch mesh, through which the droppings fall to the removable clean-out tray below. The Dropping Pans are made of rust-resisting Armco Ingot Iron (see page 22). The adjustable slide top makes it easy to remove chicks from any drawer. The Single



Drawer Brooder, shown above is fitted with sturdy iron legs and stands fully 13-1/2 in. high over-all. All other sizes are equipped with a Portable Rack, which is sturdily built of 1x1/8-inch angle iron and mounted on large, easy-rolling casters.

Five Convenient Sizes— All Reasonably Priced

The Brower DeLuxe Electric Battery Brooder is substantially built throughout of heavy, rust-resisting galvanized steel and wire. There is nothing about it to wear out . . . no wood parts to warp, split or crack . . . no place to harbor lice, mites and disease germs. All parts accessible and easy to clean. Smooth turned edges add to its rigidity. Built to last . . . it will give years of satisfactory service at low cost.

Note the wiring arrangement as shown in illustrations below. Only one lead from socket to metal panel on the brooder rack, from which point separate wires go to each drawer—so that any number of drawers can be operated at a time as desired.



No. 6502—2-Drawer Brooder
250 Day-Old Chick Size



No. 6503—3-Drawer
Battery Brooder

Note the same size rack is used for both the 2- and 3-drawer Brooders. View at left shows rack with slides provided on top for the addition of a third drawer at any time to increase the capacity.



No. 6504—
4-Drawer
Brooder

Brower's Portable Racks

Two sizes of racks are furnished—one for 2- and 3-drawer units, and the other for 4- and 5-drawer brooders. This permits easy expansion when needed. You can start with a 2- or 4-drawer Brooder, and later on increase your capacity by simply adding an extra drawer. Or you can start with the single unit and buy the rack later on when you are ready for more drawer units. Prices for the racks are listed below.

Specifications and Prices

All Brooders are shipped knocked down. Easily and quickly assembled. Capacity based on day-old chicks, at the rate of 125 chicks to each drawer. Furnished for 110 or 220 voltage, alternating or direct current. Be sure to state voltage when ordering.

No.	Description	Chick Capacity	Over-All Width	Height Over-All	Drawer Depth	Weight	Price Complete
8A-6501	Single Drawer Unit with Legs	125 day-old	24x36 in.	18½ in.	9 in.	40 lbs.	\$10.15
8A-6502	2-Drawer Battery with Rack	250 day-old	37x38 in.	36 in.	9 in.	130 lbs.	28.55
8A-6503	3-Drawer Battery with Rack	375 day-old	37x38 in.	47 in.	9 in.	165 lbs.	38.45
8A-6504	4-Drawer Battery with Rack	500 day-old	37x38 in.	62 in.	9 in.	235 lbs.	51.25
8A-6505	5-Drawer Battery with Rack	625 day-old	37x38 in.	73 in.	9 in.	275 lbs.	60.70

No. 8A-V—Brower's Violet Light Pilot Bulb, recommended for use in above Brooders, price each 75c; six \$4.50; dozen . . . \$ 8.50

No. 8A-3F—Portable Rack with Electric Panel, for 2 and 3 individual drawer units, wt. 45 lbs., price . . . \$12.00

No. 8A-4F—Portable Rack with Electric Panel, for 4 and 5 individual drawer units, wt. 70 lbs., price . . . 14.10

All F. O. B. Quincy, Ill.

Brower's DeLuxe Oil and Gas Heated Battery Brooders

In localities where electricity is not to be had, poultrymen may enjoy the advantages of battery brooding with Brower's Oil and Gas Burning Models. These brooders are especially desirable for use in nonheated rooms. Will supply all the heat needed for the brooder and in addition furnish heat for a room up to 10 ft. square. Can be successfully operated in any room where temperature does not fall below freezing. Made in two sizes.

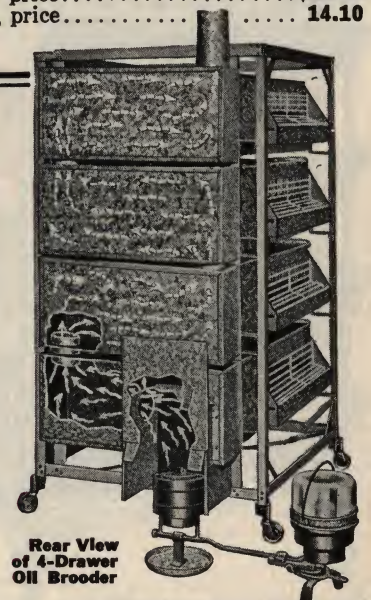
Construction is similar to the Brower Electric Battery above. The only difference is in the heating system. Heat is supplied by an exclusive Brower warm air circulating system, which derives its heat from the powerful burner installed at the rear. The Oil Model has a large kerosene (coal oil) burner, as shown, which furnishes heat for the entire brooder. Uses only one gallon of oil in 24 to 48 hours.

Temperature in the heating chamber is controlled by height of flame. Individual drawer temperature is regulated by moving the drawers closer to or farther away from the heat chamber. The Gas Heated Model has the same heating arrangement but is equipped with a dependable gas burner for natural or artificial gas. Comes complete, ready to operate. Specify kind of gas used, when ordering.

Two Sizes—Low in Price

Oil Brooder Number	Gas Brooder Number	Number Drawers	Chick Capacity	Height Over-All	Width Over-All	Weight Complete	Price Complete
8A-6544	8A-6G44	4	500	62 in.	37x47 in.	275 lbs.	\$52.30
8A-6555	8A-6G55	5	625	73 in.	37x47 in.	325 lbs.	61.75

Shipped K. D. F. O. B. Quincy, Ill. Easily Set Up.



Rear View
of 4-Drawer
Oil Brooder

The arrows mark the heat travel from the time it leaves the burner until it goes out the pipe and is expelled into the room.

Brower's Finishing Battery

Details of Construction

Its all metal construction means positive sanitation with just ordinary care. Big capacity—9600 square inches of floor space for the birds. Accommodates 200—2-lb. broilers at a time or 175 broilers, 2½-lb. size. Plenty of headroom. Plenty of oversize feeding spaces with smooth, turned edges.

Rigid, heavy angle iron frame, securely welded, riveted and bolted. Heavy galvanized sheet steel and wire sides designed to allow ample ventilation, without drafts. Entire front lifts up for catching birds. Each deck divided into four compartments by a center partition of ½-inch mesh hardware cloth.

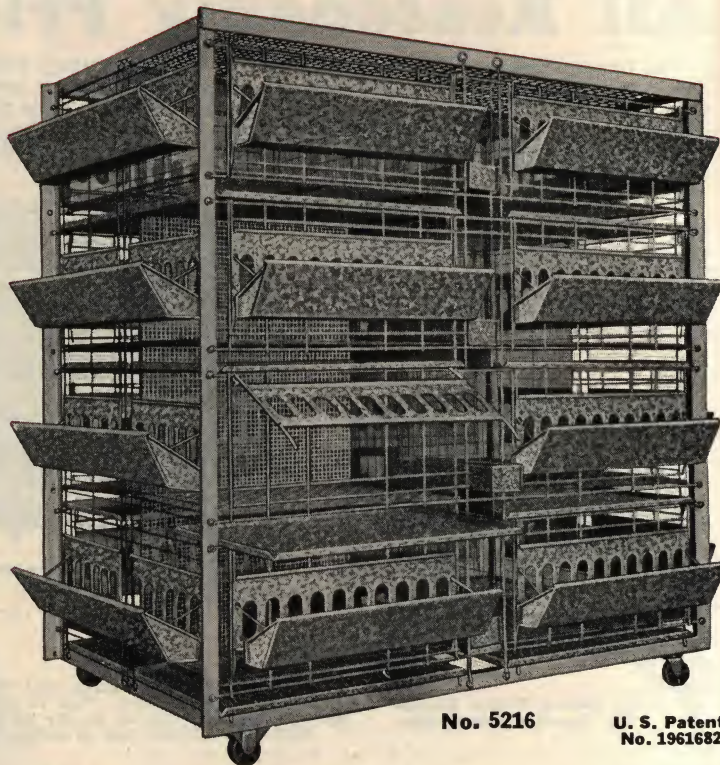
Dropping pans are of **ARMCO Ingot Iron** and slide out easily. The entire brooder can be cleaned in just a few minutes. One-inch mesh special alloy metal wire floors allow droppings to fall through immediately into the removable clean-out pans below. Droppings do not stick to this wire. Pans are easily cleaned.

Six big capacity feed troughs on each deck. Special design prevents the birds from billing out and wasting the feed.

Large water pans made of rust-resisting **ARMCO Ingot Iron** and safely protected. No chance of accidentally spilling the water.

Mounted on extra heavy casters. Two stationary and two swivel casters make the brooder easy to move even when filled to capacity with broilers.

Convenience, too, is a feature of this brooder that is not to be overlooked. There is nothing complicated about this brooder. A child can operate it. All there is to it is to keep it reasonably clean and keep the feed and water pans filled. The birds actually take care of themselves. It runs itself and pays for itself over and over again.



No. 5216

U. S. Patent
No. 1961682

No. 8A-5216—Brower's 16-Compartment Finishing Battery.

Capacity 175 2½-lb. broilers. Length over-all 78 inches.

Width 54 inches. Height 72 inches. Sixteen compartments, each 20x30 inches and 14 inches high.

Weight 448 lbs. Price F. O. B. Quincy, Illinois. . . . **\$86.65**

Brower's Growing Battery

Each drawer slides out of the frame as a complete unit, and is provided with a removable ½x½-in. mesh wire woven tinned floor which means absolute sanitation. No stench, no smell. Droppings fall through into the **Armco Ingot Iron** clean-out tray below and the entire brooder may be cleaned in a jiffy. Water troughs made of rust-resisting **Armco Ingot Iron** extend along one side. Three no-waste feed troughs on each drawer afford ample feeding space. Frame is substantially built of extra heavy angle iron, firmly riveted and bolted together. Large roller casters.

The convertible feature makes it adaptable for chicks or broilers. Small feed holes near the bottom of each drawer for small chicks. For larger birds, the wire windows are removed and the young birds feed through the larger holes near the top. All feeding hole edges are turned over and present a smooth surface that cannot injure the chicks. Drawers are full 11 in. high inside, plenty large enough for 2½-lb. broilers.

Big Capacity—Low Price

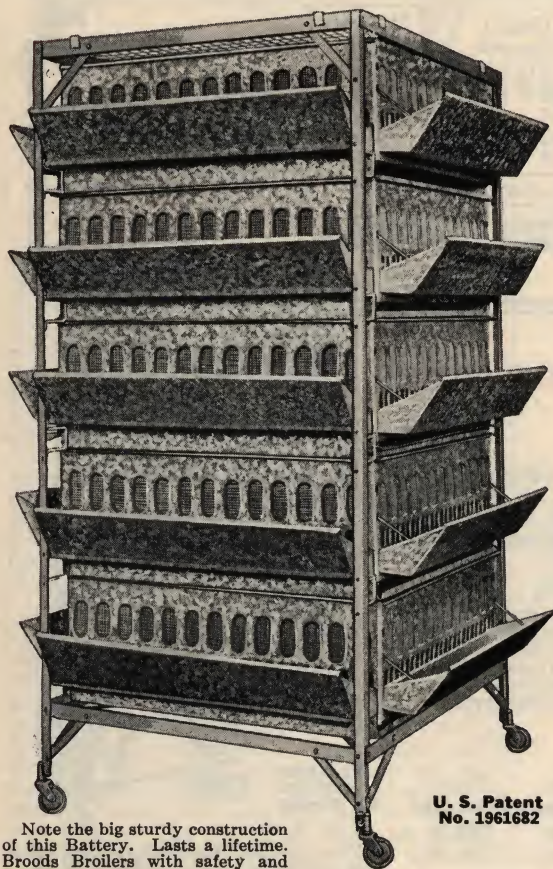
We recommend that you install one No. 520 Intermediate Growing Battery to each 500 to 600 day-old chick capacity starter. The actual number of three- to five-week-old birds it will accommodate is about three hundred, or 60 to a drawer. It can be used for starting chicks if the room is heated to brooding temperature. It makes an excellent display brooder for hatcheries. As a finishing brooder, it is unexcelled . . . you can leave them in this brooder from day-old to market age if you wish. It is an all 'round brooder and a splendid value.

No. 8A-520—Non-Heated Intermediate Growing Battery. Height 6 ft.

4 in., width 48x48 in., five drawers—inside drawer measurement 33x35 in., and 11 in. high. Weight of complete unit.

325 lbs. Price F. O. B. Quincy, Illinois.

\$63.00

U. S. Patent
No. 1961682

Note the big sturdy construction of this Battery. Lasts a lifetime. Broods Broilers with safety and success.

Brower's DeLuxe Growing and Finishing Battery

SIX BIG FEATURES

1 HEAVY GALVANIZED STEEL CONSTRUCTION THROUGHOUT. Not a piece of wood to warp, split or crack. No crevices to become infested with mites and disease germs. Built four decks high—each deck divided into four compartments. Rigid 1x1x1/8-inch angle iron frame, on large, easy-rolling casters.

2 BIG CAPACITY. Accommodates 200 two-pound broilers at a time or 175 two-and-one-half pound broilers. Provides 9,600 square inches of floor space for the birds. Handles chicks from four weeks of age up to broiler size.

3 AMPLE VENTILATION. The especially designed, heavy metal sides serve to break up air currents and help to avoid drafts. Large openings provide plenty of ventilation and allow all foul air and gases to escape.

4 EXTRA HEADROOM. Each compartment built purposely high so that the birds cannot be injured. Large, round doors with safety-rolled edges allow plenty of room for removing broilers from each compartment.

5 OVERSIZE FEEDING SPACES, with smooth turned edges. In the Growing Compartments of the top deck, chicks feed through the small feed holes. The three lower decks are for finishing purposes, with the large feed holes arranged for broiler feeding. Four big capacity, no-waste design Feed Troughs on each deck. Water troughs—two on each deck—are made of **ARMCO Ingot Iron**.

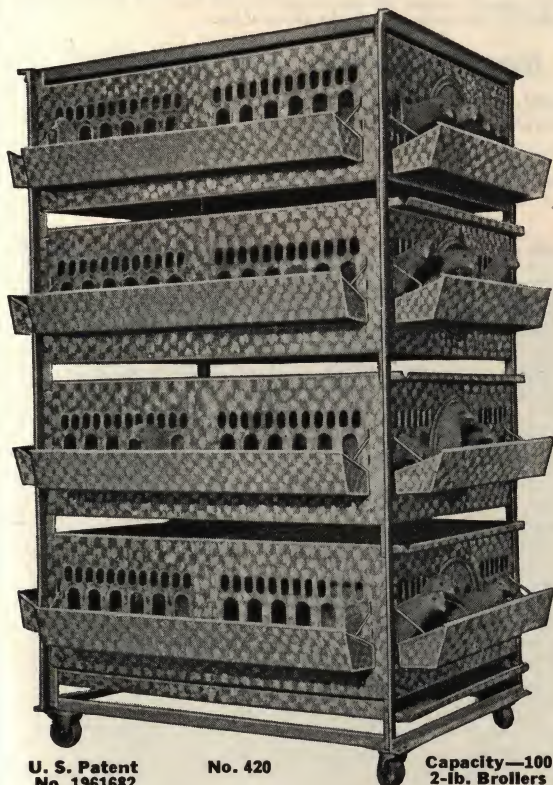
6 SANITARY AND CONVENIENT. The Top Deck is fitted with sanitary 3/4-inch mesh Wire Floors; all other Decks have floors with one-inch spacings. Droppings fall through instantly into the Dropping Pans below, which are made of rust-resisting **Armco Ingot Iron**. Floors and Dropping Pans are removable and can be cleaned in a jiffy, providing strict sanitation.



No. 4216

U. S. Patent
No. 1961682

No. 8A-4216—Growing and Finishing Battery. Capacity 200 two-pound broilers. Four decks high. Sixteen big compartments, each 20x30 in., 14 in. high. Over-all dimensions: Height 72 in., Width 50 in., Length 72 in. Shipping weight, 395 lbs. Price of complete unit as shown **\$81.40** above, F. O. B. Quincy, Illinois



U. S. Patent
No. 1961682

No. 420

Capacity—100
2-lb. Broilers

Junior Growing and Finishing Battery

This Battery is ideal for the small poultryman or hatcheryman. It will handle 25 chicks per week up to broiler size, after the fourth week. It will easily accommodate one hundred 2-lb. broilers at a time. It is just the equipment that is needed to handle the surplus cockerels to broiler size. In this Battery, the birds develop rapidly, which means that they are ready for market earlier—at a big saving in feed cost. It has adequate headroom and feeding capacity to carry the birds through to marketable size. It is not a heated battery but is so constructed that it will keep the birds in comfort in a room where the temperature is maintained to suit the age of the chicks.

This is a very practical size for the beginner or small poultryman. Four Decks high—divided into eight roomy compartments each size 20x30 in. by 14 in. high. Top deck is fitted with 3/4-in. mesh wire floors and the three lower decks are fitted with 1-in. mesh wire floors. Floors and dropping pans are easily removed for cleaning. Dropping Pans are of rust-resisting **Armco Ingot Iron**. Two feed troughs and one **Armco Ingot Iron** water trough furnished on each deck. Arrangement of feed holes gives the birds easy access to the feed and water supply. Large, round door makes it convenient to remove the broilers from any compartment. Entire Battery built of heavy galvanized steel—all edges rolled smooth. Rigid 1x1x1/8 inch angle iron frame on large, easy-rolling casters.

No. 8A-420—Junior Growing and Finishing Battery. Specifications: Four Decks high; 8 compartments; each compartment 20x30 in. by 14 in. high. Over-all dimensions: 35 in. wide, 50 in. deep and 72 in. high. Shipping weight 228 lbs. Price F. O. B. Quincy, Illinois. **\$42.00**

Brower's All-Purpose Electric Battery Brooder

1000 Day-Old Chick Capacity **\$99.75**



This Brower-Built Battery Brooder is all its name implies . . . an "all-purpose" brooding unit. Designed especially for the hatcheryman who prefers a hot and cold compartment brooder. It offers a dependable, time- and money-saving means of handling surplus chicks. It makes an effective Display Battery and readily increases chick sales. It is just what is needed to produce high quality, Started Sexed Pullets for which there is unlimited demand.

Construction Features

One size—built five sections high. Each section is 30x48 in., 9 1/4 in. high inside, with a heat-retaining curtain separating the brooding compartment in the rear from the exercising chamber at front of brooder. An adjustable, hinged wire door is also furnished in each section and can be dropped as a center divider between the compartments, from the outside of brooder. Thus, the chicks are confined to one compartment for ease in catching. The large door opening in rear panel of brooder, as shown in view of the Oil Brooder on opposite page, gives easy access to the heated section and also permits removing chicks at rear.

Two no-waste design feed troughs and one rust-resisting Armco Ingot Iron water trough—all 31 in. long—provide ample feeding space for chicks in each section and are correctly placed outside to prevent feed waste and contamination. The adjustable wire feed guards or doors are moved outward over the feed troughs to adjust the feed opening for chicks of any age. Further details of construction given on next page.

The Electric Model

This model operates successfully in a room temperature of 50 degrees or over. Brower's 100 Watt Guaranteed Bar Heating Elements are used in this Brooder. They are constructed to properly diffuse every bit of electricity consumed . . . are perfectly controlled . . . and insure low operating cost. Each section is equipped with a Bar Heating Element, Automatic Thermostat Heat Control and Violet Light Pilot Bulb. An extra heating element under bottom deck furnishes additional heat. Any number of sections may be operated at a time, as desired. Built 5 sections high. Capacity: 1000 day-old chicks; 750 two-weeks old; 375 four to five weeks old. This Brooder cares for chicks up to eight weeks of age.

Specifications and Price

No. 8A-3005—"All-Purpose" Electric Brooder shown above. Height over-all 73 in. Width over-all 39x52 1/2 in. For 110 or 220 volt current—state voltage when ordering. Weight 325 lbs. Natural Galvanized Finish, price **\$99.75**
For 2-Color Ivory and Red Enamel Finish on the above Brooder, extra charge **3.25**
F. O. B. Quincy, Ill.

Winning the Approval of Poultrymen Everywhere

Read Mr. Nichol's Letter Below:

Gentlemen:

We have been very much pleased with the splendid service your company has given us on our orders during the past ten years. We want to especially thank you for the way you handled our order for the "All-Purpose" Brooders.

We are enclosing a picture showing part of this installation with which we are very much pleased.

Yours truly,
Nichol's Poultry Farm,
Monmouth, Ill.



Oil & Gas Heated All-Purpose Brooders

For the Broiler Plant operators, handling chicks in quantities, this "All-Purpose" Battery makes an ideal Starting Brooder and it fits in very efficiently with our Combination Broiler Plants listed on page 32. The brooding conditions in the Brower "All-Purpose" Chick and Broiler Battery are correct in every detail . . . proper ventilation is provided . . . and the Brooder is sanitary in design and construction and easily and quickly cleaned and disinfected.

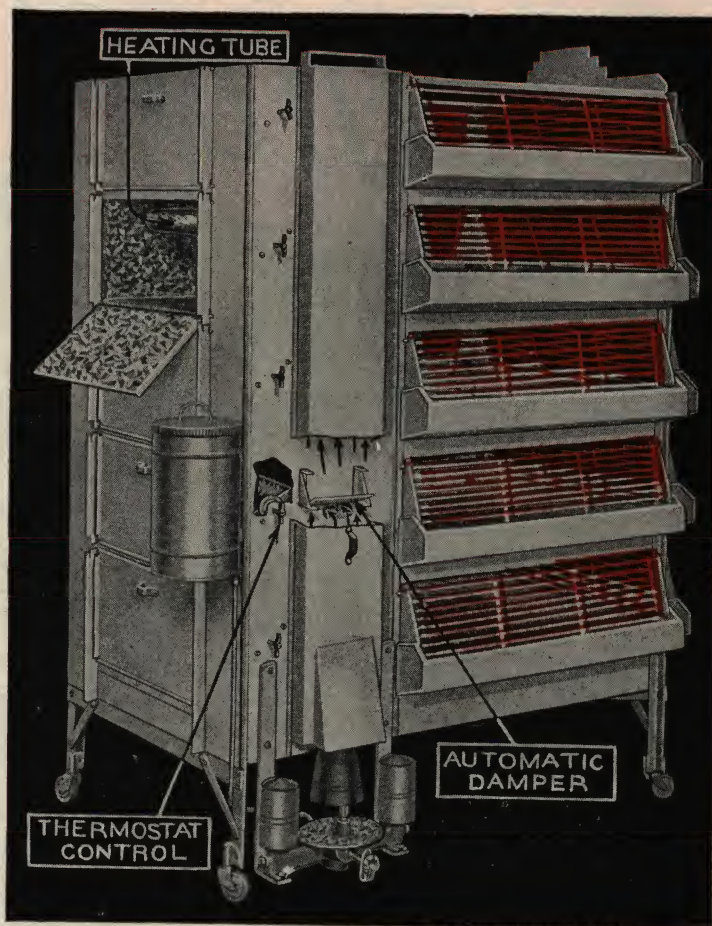
Built for Long Service

The Wire Doors are easily opened to give free access to the front compartment for removing chicks. The removable floors and clean-out trays provide strict sanitation. The floors are of special tinned wire in $\frac{1}{2} \times \frac{1}{2}$ -inch mesh, through which the droppings fall into the slide clean-out trays below. The two-piece dropping pans are easily handled when cleaning the brooder. An extra set of dropping pans, fitted on separate slides under the bottom section, gives protection against floor drafts and can also be used to replace pans in other decks when cleaning brooder. All dropping pans are interchangeable and are made of **Armco Ingot Iron**.

Brower's "All-Purpose" Brooders are constructed throughout of heavy galvanized sheet iron and wire, with the frames rigidly built of $1 \times 1/8$ -inch angle iron and mounted on large, easy-rolling casters. Regularly furnished in Natural Galvanized Finish, but can be had in Ivory and Red Enamel Finish at slight additional charge. Additional construction features explained on opposite page.

The Oil and Gas Heated Models

For operation in rooms where temperature does not fall below freezing. Each section is fitted with an Automatic Thermostat Heat Control which permits the use of any number of decks as required. A large No. 4 Sol-Hot Twin-Float Kerosene (coal oil) Burner supplies heat in the Oil Model. The Gas Heated Model comes equipped with a dependable Gas Burner . . . otherwise is exactly the same as the Oil Model. Warm air circulates through the heating pipes in rear of brooder and the heat is radiated onto the chicks. This "All-Purpose" Brooder cares for chicks up to eight weeks of age. Capacity: 1000 day-old chicks; 750 two-weeks old; 375 four to five weeks old.



Specifications and Prices

Oil Heated Number	Gas Heated Number	Size Brooder	Chick Capacity	Floor Space	Height Over-All	Width Over-All	Approx. Weight	Brooder in Galvanized Finish	Extra for Enameled Finish
8A-9050	8A-9G50	5-Sections	1000 day-old	7200 sq. in.	73 in.	39x60 $\frac{1}{2}$ in.	350 lbs.	\$104.00	\$3.25

F. O. B. Quincy, Ill.

Hayes Bros. Equipped with Brower Brooders—Are Well Pleased



Gentlemen:

We are well pleased with the "All-Purpose" Battery Brooders. They are a great deal more economical than the Brooders we have been using. We also have had a good many pleasing compliments on your Poultry Supplies from customers who want good equipment at a fair price, and we have never had better service from any manufacturer than Brower.

Hayes Bros. Hatchery, Decatur, Ill.



Brower's GLASS *sells*

A General Favorite with Hatcherymen

Dear Mr. Brower:

We had remarkable results with the 10 Glass Display Brooders, placed with ten of our chick dealers operating retail feed stores. Some were used where there was a great variation in room temperature but this had no ill effects on the chicks—the glass sides gave perfect protection.

They certainly attracted the chick buyers—in fact, the 10 brooders sold approximately 110,000 chicks in sixty days.

Ajax Hatcheries.

By: L. R. Jacks.

Consider the above! 110,000 chicks sold the first season by ten new chick dealers, who never before handled chicks. Figure 6% on the investment, allow 25% depreciation—and it is still selling chicks at a cost of 20c. per hundred. Compare this with your present sales cost. If you are spending more than this to sell your chicks, then the difference represents your loss . . . the dollars-and-cents cost to you for doing without Brower's DeLuxe SILENT SALESMAN Glass Display Brooder.

A Few of the Many Satisfied Users

COTTON'S CHICK HATCHERY

Lone Rock, Iowa

LINCOLN HATCHERY

Lincoln, Kansas

COLEBROOK HATCHERY,

Grant, Iowa.

ASHEVILLE SEED COMPANY

Asheville, N. Car.

SYLVAIN FEED STORE

Tampa, Florida.

GOLDBLADT BROS. DEPT. STORE

Chicago, Illinois.

LINDSTROM HATCHERY,

Clinton, Missouri.

ELMORE HATCHERY.

Elmore, Minnesota.

MOTHER MILLER HATCHERY

Bloomington, Illinois.



Note how easy it is to remove the chicks from this big 6-deck Brooder. The center partitions make it a 12-compartment unit.



May be had in natural galvanized finish with painted frame, or in a special 3-Color Combination Enamel Finish of Ivory, Royal Blue, and Red.

Read These 10 Outstanding Features

Big Capacity. Ample room for 165 chicks on each deck, allowing 7 sq. in. for every chick. 1155 sq. in. floor space per deck. Each deck divided into 2 compartments by a center wire partition which permits showing two breeds on a deck; also makes it easy to catch the chicks.

Each Deck a Complete Brooder. Any deck may be run independently of the others. Decks not in use may be shut off for the sake of economy. Can be operated in any room where temperature does not get below freezing.

Decks Individually Heated. A heavy duty, Lifetime Guaranteed, Bar Heating Element in each deck radiates heat onto the chicks. An extra heating element is furnished under bottom deck. A Violet Light Bulb acts as a pilot light in each deck, also helps to prevent cannibalism, etc.

Low Cost Heat. Guaranteed to be lower in operating cost than any other display brooder on the market today.

Approved Electrical Fixtures. All wiring and fixtures are of the highest quality, and will pass the most rigid inspection.

Individual Automatic Thermostat Heat Control for each deck. Controls temperature with split-degree accuracy. Guaranteed against radio interference.

No-Draft, Adjustable Lustraglass Doors (or windows) on three sides give a clear vision to interior. Quickly adjusted for ventilation. Protected by wire guards to keep glass clear and prevent contamination of feed and water.

Sanitation is Absolute. Tinned Wire Floors (not common hardware cloth), Dropping Pans, Center Partitions, Feed Troughs and the leak-proof Armco Ingot Iron Water Troughs—all are instantly removable for easy cleaning. The sanitary Wire Floors are of 1/2x1/2-inch mesh.

Dropping Pans Are Interchangeable. Made of rust-resisting Armco Ingot Iron, to fit all decks. Bottom deck is fitted with two interchangeable dropping trays on separate slides. Extra pan prevents floor drafts when cleaning the brooder.

Sturdy Construction. Made throughout of heavy galvanized steel and wire. Frame of 1x1x1/8-inch angle iron. Mounted on easy-rolling casters. Conveniently moved about even when filled with chicks.

DISPLAY BROODER

more CHICKS

You Need This DeLuxe "SILENT SALESMAN"

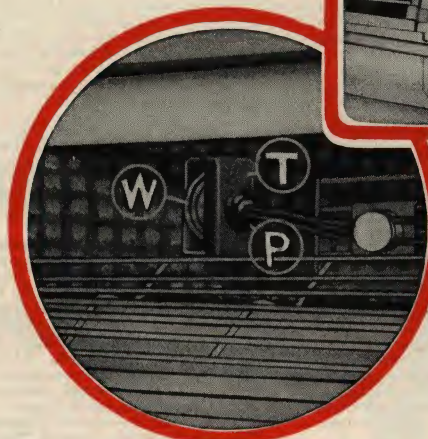
In present-day merchandising—quality, appearance, and salesmanship predominate. The Display Brooder is a practical necessity now, more so than ever before. The hatcheryman or retailer who displays his chicks to the best advantage will unquestionably get the business. Brower's DeLuxe SILENT SALESMAN is a wonderfully efficient Glass Display Brooder. It emphasizes the health and vigor of the chicks and makes them easy to sell. It opens up new avenues of sales for the hatcheryman. It makes more profit for the dealer because it sells the chicks faster and enables him to gain a profit on his investment oftener. No other Display Brooder offers you all the advantages of Brower's DeLuxe SILENT SALESMAN. No other brooder offers such profit-making possibilities. This Brooder displays and sells chicks as no other brooder can. The clear, Lustraglass Windows show up the chicks as the splendid specimens of young fowl life that they really are. You know what that means to prospective buyers it means SALES.

It Emphasizes Chick Quality Cares for Chicks Up to 7 Weeks

Then, too, there are the convenience and the time-saving features of selling from Brower's DeLuxe SILENT SALESMAN. You don't have to pay a salesman for extra time spent in showing the chicks to prospects. The clear Lustraglass windows in the doors give a clear, unobstructed view to the inside. Your customer sees the chicks right before him. He sees the quality ... as well as hears about it. He knows it is there. The chicks are out in plain sight all the time ... in fact, they practically sell themselves. And another thing ... you don't have to sell them on a certain day, for this is really a self-sufficient chick-raising Brooder. It cares for the chicks—keeps them healthy and growing. You can sell them when day-old if the market is favorable. Otherwise, you simply keep them in the Brooder and sell them later on as Started Chicks FOR MORE MONEY. It will care for the chicks up to 7 weeks of age.

The Original Glass Display Brooder

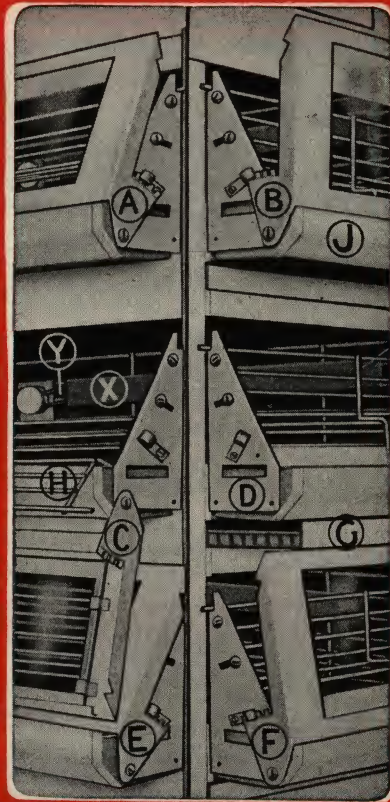
Brower's SILENT SALESMAN is the original Glass Display Brooder and has been on the market six years—two years longer than the brooders which have been brought out as substitutes. It has proven successful from the start which accounts for its ever increasing sale. Do not be influenced by misleading statements for it is not possible to simply add a glass door to a brooder and expect it to perform as Brower's DeLuxe SILENT SALESMAN. The Brooder must be built to fit the glass ... not the glass to fit the Brooder, for correct ventilation is a paramount issue. Brower's DeLuxe Glass Display Brooder is fully guaranteed to do all that is claimed for it ... or money refunded.



T—Brower's New Thermostat Heat Control. All mechanism enclosed in BAKELITE box, eliminating short circuits.

W—Accurate, dependable, all Brass Wafer Thermostat.

P—Electric Plug. Quickly and easily removed to disconnect individual decks when not in use, thus reducing operating cost.



Note These Exclusive Brower Features

- A—Glass Door opened to the first notch for minimum ventilation.
- B—Glass Door fully open. This adjustment for maximum ventilation.
- C—Shows how the doors swing down, making the brooder completely accessible.
- D—Here the Door is entirely removed for hot weather use.
- E—View showing door fully closed.
- F—Door opened to "halfway" adjustment for medium ventilation.
- G—Removable Dropping Pan of rust-resisting Armco Ingot Iron.
- H—Wire Guard is quickly tipped outward and dropped down to give operator free access to the compartments for removing chicks.
- J—Big capacity, no-waste design feed and water troughs, on three sides.
- X—Bar Heating Element mounted on center partition in each deck.
- Y—Violet Light Pilot Bulb.

Today's Biggest Display Brooder Value

No. 8A-8004—Silent Salesman Glass Display Brooder.

Capacity 660 chicks. 4 decks high, each deck 33x35x8 inches. Eight Compartments. Affords 4620 sq. in. of brooding space. Over-all Size: Height 65 inches. Width 41 inches. Depth 40 inches. For 110 volt Alternating or Direct Current. Shipping weight 310 lbs. Natural Galvanized Finish. Price.....

\$78⁷⁵

Special 3-Color Combination Enamel Finish on the above Brooder—

Ivory, Royal Blue, and Red. Extra charge for paint job.....**\$3.75**

F. O. B. Quincy, Ill.

No. 8A-8006—Silent Salesman Glass Display Brooder.

Capacity 1000 chicks. 6 decks high, each deck 33x35x8 inches. Twelve Compartments. Affords 6930 sq. in. of brooding space. Over-all Size: Height 75 inches. Width 41 inches. Depth 40 inches. For 110 volt Alternating or Direct Current. Shipping weight 389 lbs. Natural Galvanized Finish. Price.....

\$99⁷⁵

Special 3-Color Combination Enamel Finish on the above Brooder—

Ivory, Royal Blue, and Red. Extra charge for paint job.....**\$3.75**

F. O. B. Quincy, Ill.

BROWER'S CONTACT HEAT



Corrugated Pad Broods Chicks Nature's Way

The HEN-WAY Corrugated Heating Pad, with its ridges of the same contour as the hen's breast and keel, applies the heat to the chicks not just from above but from the sides as well. Chicks of every size can make contact with the warmth of the pad. This Corrugated Heating Pad gives thirty per cent more heating surface than a flat pad and its unique construction saves fifty per cent in electrical cost. By a simple movement of the hand lever, this HEN-WAY Pad may be raised or lowered to accommodate chicks of any age, up to five weeks old. Being made of metal, the HEN-WAY Heating Pad has far greater

heat radiating qualities than rubber or other materials. It will last practically a lifetime while other materials, you know, weaken and deteriorate with heat and age and must be replaced in a few years. It's strictly sanitary and easily kept clean. Impossible for chicks to roost on top of the Hen-Way Heating Pad.

10 REASONS Why You Should Buy Brower's HEN-WAY Cool Room Brooder

Hinged Wire Grids on all feeders and waterers; quick-opening, adjustable, removable. This feature allows operator the freedom of both hands for removing chicks—without even removing troughs.

Feeders and Waterers all around. Each deck has two Armco Ingot Iron Water Troughs (one at each end) and four no-waste Feeders (two on each side). Over five lineal feet of watering space and eleven feet of feeding space on each deck. Troughs and Grids can be instantly removed, if desired, for complete access to any compartment.

Two-Piece Floors and Dropping Pans. Removable at sides. Floors of $\frac{1}{4} \times \frac{1}{4}$ -inch mesh, securely welded and tinned to $\frac{1}{4}$ -inch wire frame. Dropping Pans of Armco Ingot Iron, with convenient handles for removing. Sanitary. Easily and quickly cleaned.

Each Deck a Complete Brooder. The Hen-Way is built on the sectional plan. You can start with one or more decks and add extra decks as required. Dimensions inside: 33 inches wide, 70 inches long, 9 inches of head-room. Floor area 2310 sq. in. per deck. Each deck fitted with the HEN-WAY Heating Pad and Room-Temperature Compensator Control and Pilot Light. Any deck may be operated independently of the others, if desired.

Height of Heating Pad Instantly Adjusted. A slight push or pull on the hand lever raises or lowers the Heating Pad to desired height. No springs, chains or hooks. Entire Pad can be easily removed. Very sanitary. Chicks cannot roost on top of Pad.

Four Separate Compartments in Each Deck. Decks are permanently divided. Chicks are always

within a forearm's reach for quick and easy removal. And, you can put chicks of four different breeds or ages in one deck, without mixing the chicks, and so avoid the expense of heating a separate deck for each small lot. This feature is found only in the HEN-WAY—saves time and labor and reduces the current consumption.

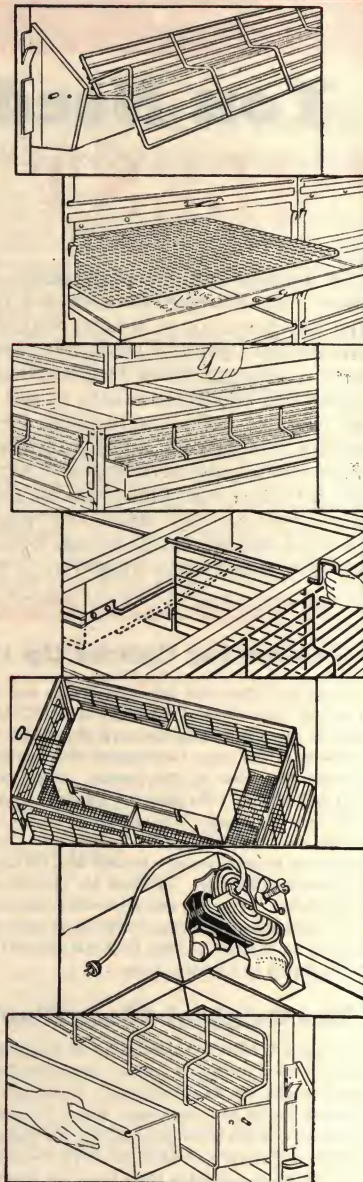
Corrugated Heating Pad. An exclusive HEN-WAY feature. Best nichrome wire heating elements with $\frac{3}{4}$ -inch insulation and asbestos liner to save heat. One Thermometer and holder furnished with each complete brooder to correctly determine temperature of Heating Pad.

Chicks Positively Cannot Escape. They cannot get into the water troughs and down. Chicks are confined to the brooder by the Wire Grids and by the Metal Guard which backs up the Water Pan and remains in place when pan is removed for cleaning.

Automatic Room-Temperature Compensator Heat Control and Pilot Light. Another exclusive HEN-WAY feature that means economy and peace of mind to you. The greatest development in Brooder Temperature Control in history. Entirely different from the ordinary type of Thermostat Heat Control. This new Remote Control Thermostat adjusts its heat range to compensate for any fluctuation in room temperature ... automatically ... without any attention whatsoever. Free from Radio interference.

Heavy Duty Truck. Bridge-like construction. Made for long service. Corner braces of 2 inch angle iron. Guaranteed against bending or buckling under the most severe handling. Easily moved. Extra large ball bearing casters save wear and tear on floor.

Important HEN-WAY Features



Save 50% in Electricity Costs

Because of the greater radiation of the HEN-WAY Pad ... due to its exclusive corrugated surface, its heavy insulation, and the efficiency of its nichrome wire heating elements ... the HEN-WAY Brooder uses only about HALF as much current as others. This can be proved by actual test. Another reason for its economy is the exclusive HEN-WAY Room-Temperature Compensator Heat Control. This Control Assembly is mounted in a separate box, independent of the Heating Pad, but is wired to properly synchronize with the heating element in the Pad. You simply set the Control for the desired brooding temperature and thereafter, should the room temperature suddenly drop, the HEN-WAY Control will automatically adjust itself to meet this condition by increasing the warmth of the Pad. Or in case the room temperature rises, the Compensator Control immediately acts to lower the heat in the Pad. This is a very essential feature for successful brooding by "contact heat" ... yet it is found ONLY in the HEN-WAY Brooder.

In tests, a single deck HEN-WAY saved up to one kilowatt per day. That would mean 150 K.W. saved per month in a 5-deck unit and, at 4 cents per K.W., that's a monthly saving of \$6.00 per 5-deck Brooder—or about \$24.00 in the average brooding season.



HEN-WAY BROODER



It's a Beauty! Not the least of the Hen-Way Brooder's appeal is its beauty of finish which makes it particularly valuable for chick display purposes. Attractively painted in a three-color combination of lustrous green, bright red and cream enamels . . . it is a handsome and effective Display Brooder that really sells the chicks. Cares for chicks up to 7 weeks old.

Pat. Applied for.

No. 5705, 5-Deck Hen-Way Brooder.

The World's Greatest "Contact Heat" Brooder

The demand swings to Started Chicks. Prepare to meet it with a battery of HEN-WAY Display Units. They are real attention-getters and will sell thousands of extra chicks for you. They save time and labor; are easily and quickly cleaned; fully automatic and provide safe, sure heat without worry or attention. Every structural detail is of the best. Rust-resisting Armco Ingot Iron is used in 24 gauge for the Dropping Pans and in

26 gauge for the Water Pans. Wire Grids are of copper-bearing GALVANNEALED Wire; Frames of heavy angle steel. Built throughout to stand hard use, year after year. The Corrugated HEN-WAY Heating Pads are made of galvanized steel . . . and the nichrome wire heating elements carry a lifetime guarantee. Each complete Brooder furnished with an 8-ft. cord and connection. Operates on 110 volt alternating or direct current.

Specifications and Prices

No.	Hen-Way Brooder	Chick Size	Brooding Area	Length	Width	Height	Weight	Price
8A-5705	5-Deck with Truck	1650 day-old	11,550 sq. in.	78 in.	41 in.	70 in.	930 lbs.	\$185.00
8A-5704	4-Deck with Truck	1320 day-old	9,240 sq. in.	78 in.	41 in.	59 in.	760 lbs.	150.00
8A-5703	3-Deck with Truck	990 day-old	6,930 sq. in.	78 in.	41 in.	48 in.	580 lbs.	116.50
8A-5702	2-Deck with Truck	660 day-old	4,620 sq. in.	78 in.	41 in.	36 in.	415 lbs.	82.00
8A-5701T	1-Deck with Truck	330 day-old	2,310 sq. in.	78 in.	41 in.	25 in.	230 lbs.	47.50
8A-5701	1-Deck less Truck	330 day-old	2,310 sq. in.	78 in.	41 in.	11 in.	190 lbs.	37.00
8A-5700	Truck only.....			71 in.	33 in.	14 in.	50 lbs.	15.00

Shipped in sections 90% assembled.

F.O.B. Quincy, Ill. Write for Time Payment Terms.

BROWERS Ventilation



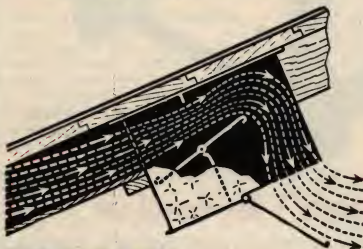
In ventilated houses, you don't see the birds standing around in huddled groups. They are busy—scratching in the litter—busy at the feed hopper and busy at the nest. That's because they are healthy. And the first principle of poultry health is pure, fresh air.



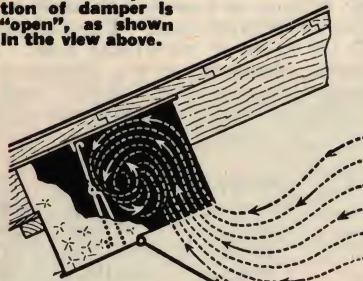
**ONE
EXTRA
EGG**

Per Month, per Bird, pays for a Brower "Save-All" System the first year.

HOW THE FRESH AIR INTAKE OPERATES



The normal position of damper is "open", as shown in the view above.



Top view shows the normal flow of air over the damper. When a draft starts blowing in, the damper instantly pivots closed as shown in bottom view.

HERE IS HOW IT FIGURES OUT!

One Brower 12" Ventilating System, consisting of three Air Intakes, one Cupola and one Foul Air Flue takes care of 100 to 125 birds—and costs only \$30.45. One extra egg per bird, per month, for one year (125 hens) means an increase in production of 125 dozen eggs. Figured at 26c. per dozen, you have an increase in egg profits of \$32.50 the first year—more than the entire cost of the Ventilating System. All over the extra egg per hen, per month, is clear profit the first year—after the first year, the extra eggs are all profit. And, the System goes on ventilating—making extra profits for you . . . month after month . . . year after year.

Sunshine is important, too. A sunny house is a warmer house. It is more cheerful and imparts the desire to stir about—to be up and doing. Sunlight is a recognized germ destroyer and is very discouraging to vermin. Furthermore, the birds are inclined to spend less time on the roost and more time on the floor, at the feed hopper and on the nest, if the house is well lighted. All these things make for better health in poultry—and, always remember, that it is the healthy hen that lays the most eggs. That means larger profits.

RIBBED GLASS AND WHAT IT DOES

**Admits 30% More
Sunlight**



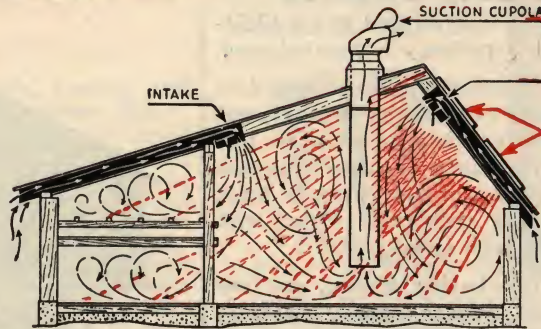
Ordinary clear glass permits the sun's rays to penetrate straight through. This is shown by the illustration at the left. And, at the right, you will note the action of the rays of sunlight when striking ribbed glass. The ribs deflect at all angles, virtually mushrooming the sunlight over the entire interior. This is a distinct advantage. The more sunlight you can get into every nook and corner of the building, the greater assurance of health and comfort for your stock.



System Means More Profits

Any well-filled poultry house will become damp and foul if not ventilated properly. Damp quarters tend to bring on colds, cramps, roup, diarrhea, influenza and tuberculosis. The birds become chilly and so huddle on the roost instead of exercising. The very food they eat goes to produce warmth instead of eggs. Warmth and comfort, invigorating sunshine, clean, pure air are the environments under which hens will produce more eggs. A Brower Ventilating System will quickly pay for itself in increased egg production.

With Brower's "Save-All" Ventilating System, perfect ventilation is acquired. The illustration, at the right, explains its action. Air is drawn into the building through the Fresh Air Intake via the space between the ceiling and the roof. After circulating throughout the house, it is drawn off through the suction Cupola. Drafts are avoided. When a draft starts blowing in, the damper on the Air Intake instantly closes . . . so with this device, your fowls are absolutely safe from drafts even during high winds.



The Suction Cupola draws off the air from floor after circulation.

Intakes bring the fresh air into the building.

Roof Windows radiate sunlight from the proper angle.

Complete Blue Print for constructing the Poultry House as sketched in view at left. Price \$1.00



Above: A Brower Ventilated Poultry House

Fundamentally, the same principles hold true for all live stock as those laid down for poultry. Clean, fresh air—uncontaminated with dampness and disease germs—plus warm, sunny quarters, spell health to stock. And whether you raise hogs, sheep, cattle or other stock, health is the all-important first step in the direction of profits.

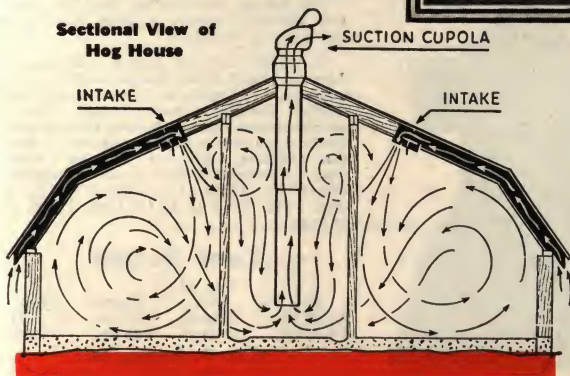
The systematic control of air circulation in a hog house by means of the Brower "Save-All" Ventilating System is indicated by the diagram below. The body heat thrown off by the animal rises to the ceiling. For this reason, the Air Intakes are placed in the ceiling and bring in fresh air, which, in circulation, carries the warm air down—and in passing out thru the flues, carries with it the excessive moisture.



SCIENTIFIC BARN AND HOG HOUSE VENTILATION

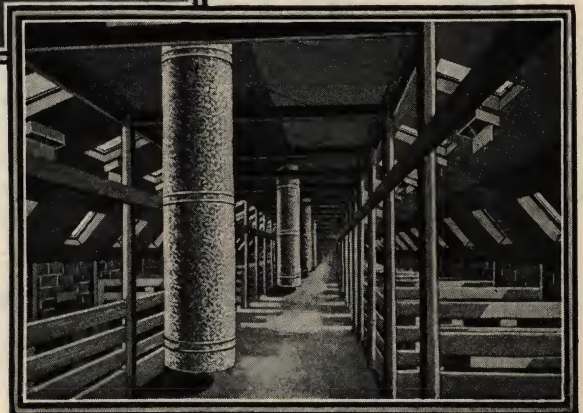
Here is the ideal hog house. The conditions are right. There is plenty of sunlight in all parts. The atmospheric condition is right because as fast as rank, foul air is formed, it is drawn out and replaced with pure, fresh air. The interior will always be dry and comfortable and the porkers will develop with amazing rapidity.

Sectional View of Hog House



NOTE THE AIR TRAVEL

The diagram at left shows the air travel. When we consider that a hog breathes approximately 1100 cubic feet in 24 hours, we begin to realize how important it is to provide fresh air in abundance.



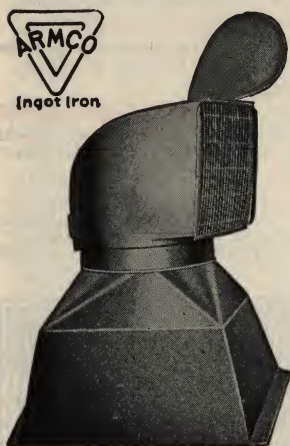
BROWER'S "SAVE-ALL" of SYSTEM VENTILATION

Use One 12-Inch Suction Cupola, One 12-Inch Foul Air Flue and Three Fresh Air Intakes Per 100-Hen Capacity

There are only three parts to the Brower System. The Cupola, which is on the roof and exhausts the foul, moist air from the inside of building; the Foul Air Flue which carries the foul, moist air from the room; and the Fresh Air Intake, which admits the fresh, pure air to the birds from the outside, without drafts.

Brower's Suction Cupola

Provided with large strong vanes that respond to the slightest breeze. The revolving head is perfectly counterbalanced.



Substantially constructed of heavy rust-resisting Armco Ingot Iron and finished with the best silver aluminum paint. The base is large and strong; can be fitted to any style roof. Fitted with bird proof screen.

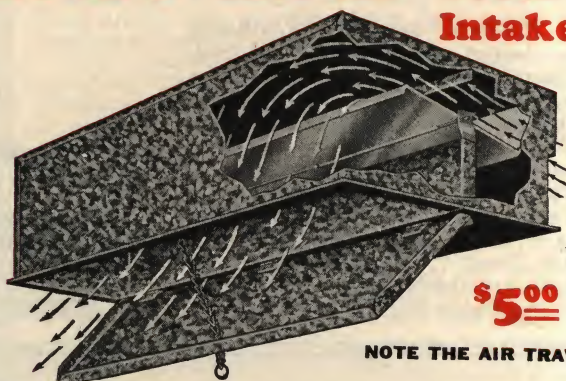
For Laying Houses, use one 12-in. Suction Cupola, one 12-in. Foul Air Flue and three Fresh Air Intakes for every 100 hens, or one 18-in. Cupola, one 18-in. Foul Air Flue and six Fresh Air Intakes for each 200-Hen capacity.

SPECIFICATIONS

No.	Diameter of Flue	Size of Base	Height	Weight	Price Each
8A-12K	12-inch	16x16-in.	34-in.	22 lbs.	\$ 8.00
8A-18K	18-inch	28x28-in.	43-in.	63 lbs.	20.00

F. O. B. Quincy, Ill.

Brower's "Save-All" Fresh Air Intake



\$5.00

NOTE THE AIR TRAVEL

The Brower "Save-All" Fresh Air Intake Regulator is an automatic by-pass damper which operates with the slightest movement of the air. It admits fresh air from the outside of the building to pass over the damper, and closes instantly if the warm air near the ceiling starts to back draft, caused by a sudden change in the wind—the opening of a door.

Can be installed in any poultry house. Well constructed of heavy galvanized steel and aluminum; made to fit between rafters spaced 24 inches on centers. Or, may be installed in side wall under roosts or directly below front or back eave. We recommend that you install three to each 100-hen capacity.

No. 8A-100K—Fresh Air Intake. Weight each 12 lbs. Packed two, weight 28 lbs. Price each.....\$5.00

F. O. B. QUINCY, ILL.

Easy to Install



Illustration above shows Air Intake installed between rafters with the sheathing above and ceiling below forming a fresh air flue to the outside of the building. Intake may also be installed in side wall under roosts or directly below front or back eave.

Brower's Stationary Cupola

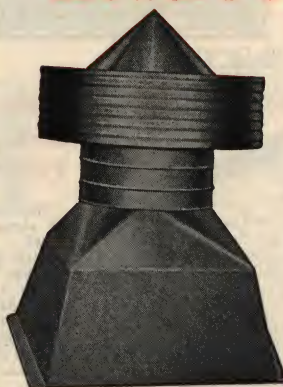
For Barns, Hatcheries, Hog Houses—any building where a large volume of air is to be handled.

Carefully built of heavy rust-resisting Armco Ingot Iron, finished with aluminum paint. Similar to the revolving head Suction Cupola at top of page. Fits in with the same Brower System and exhausts the foul, excessive moisture-laden air from the building. Shipped knocked down. Easy to assemble and install. Specifications: No. 112K 34 in. high; 20x20 in. at base. No. 118K is 48 in. high; 28x28 in. at base.

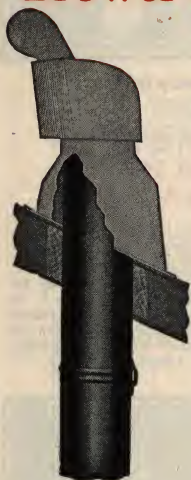
Low Prices

No.	Dia. of Flue	Weight	Price
8A-112K	12-inch	28 lbs.	\$ 6.75
8A-118K	18-inch	64 lbs.	13.50

F. O. B. Quincy, Ill.

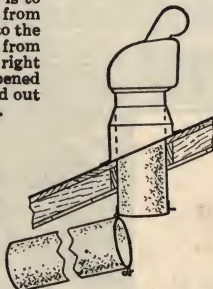


Brower's "Save-All" Foul Air Ventilating Flue



Made with a two-foot section at top end that fastens into the cupola, and a six-foot section which extends down into the building and is hinged near the ceiling so that it can be fastened open for summer weather. Furnished with a damper so that it can be partly or entirely closed in cold weather. Strongly constructed of heavy galvanized steel.

The purpose of the Flue is to take up the foul, wet air from near the floor and carry it to the Cupola which exhausts it from the building. View at right shows how Flue can be opened at hinged joint and fastened out of the way in summer time.



Made to fit Brower's Suction Cupolas above, and we recommend one 12-inch flue and cupola to each 100-hen capacity. One 18-inch flue and cupola to each 200-hen capacity. Prices do not include cupola.

SPECIFICATIONS

No.	Dia. of Flue	Length	Weight	Flue Only
8A-12B	12 in.	8 ft.	52 lbs.	\$ 7.45
8A-18B	18 in.	8 ft.	60 lbs.	11.35
Extra for additional length of 12 in. flue, per foot.....				1.00
Extra for additional length of 18 in. flue, per foot.....				1.50

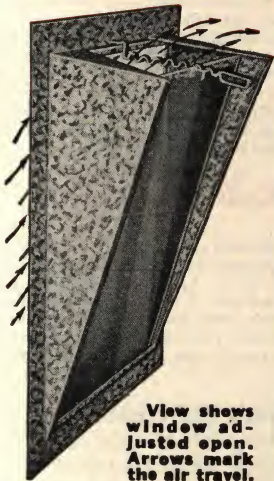
F. O. B. Quincy, Ill.

SUNLIGHT Is a Year Round PROFIT BUILDER

Provide Plenty of Windows in Your Buildings

The more sunlight you can get into your buildings, the greater the assurance of health and comfort for your stock. Sunlight is a recognized germ destroyer and promotes dryness, warmth and sanitation. That is why poultrymen find it more profitable to use Brower's Ribbed Glass Roof and Wall Windows . . . they admit 30% more sunlight than plain glass and spread it over a larger area. This means more sunlight with less window surface and, consequently, less heat loss.

Brower's Adjustable "All-Purpose" Ventilating Window



View shows window adjusted open. Arrows mark the air travel.

For Broiler Plants, Laying and Brooder Houses, Barns, Etc.

Sturdily built of heavy galvanized steel—not flimsy, ordinary sheet metal. Tilts for safe ventilation. Air currents go upward. Latch permits glass to be tilted in 8 different positions, allowing for proper ventilation at all times. The 20x28-inch light of 3/16-inch ribbed glass spreads 30% more sunlight over broad floor space. Glass securely held at each position—cannot rattle or blow shut. Absolutely leak-proof.

Shipped knocked down—easily and quickly assembled and installed. Flanges at side and top of wings fit into grooves provided on frame, holding wings tightly in place. No side drafts. Over-all size of frame 25½ x 33¼ in. Depth of wing inside 9¼

in. Glass slides in from the top and can be removed any time if a 12-in. clearance is allowed above the top of wings. The assembled window is inserted through hole cut in building 20½ in. wide by 28¾ in. high.

Easily Installed—At Low Cost

No. 8A-2028 Ventilating Window with frame, wings and ribbed glass.			
Packed 1, weight	33 lbs., price each		\$3.85
Packed 3, weight	70 lbs., price each		\$3.40
Packed 6, weight	127 lbs., price each		\$3.20

F. O. B. Quincy, Ill.

LUSTRAGLASS

the ultra violet ray window glass

Experiments with Poultry



PROVE ITS EFFECTIVENESS

Lustraglass is a clear, white window glass made especially to transmit the ultra-violet rays of sunlight—the rays which prevent rickets in baby chicks and increase the fertility and egg production of grown fowls. Experiments show that chicks raised under Lustraglass over a period of six weeks show an increase in weight of 9.5 ounces while those under ordinary glass show an increase of only 5.2 ounces. Further tests show that chicks, although fed a rickets-producing ration, properly raised under Lustraglass, are healthy and free from rickets. Write for free booklet giving facts about these tests. Lustraglass is not affected by the elements. Will last indefinitely. Suitable for use in poultry houses, homes, offices, for sleeping porches, hotbeds, etc. Lustraglass takes low third-class freight rate.

Prevents Rickets in Chicks

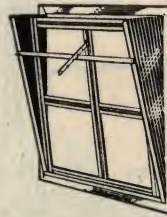
Order Lustraglass by Catalog No. 8A-345

Size of Light	Wt. per Carton of	Number Packed in Case	Weight per Case	Price per Carton of 6 Lights	Price per Case
8x10 in.	6 lbs.	90 lights	72 lbs.	\$0.55	\$6.30
10x12 in.	8 lbs.	60 lights	72 lbs.	.75	6.15

F. O. B. Quincy, Ill.

Brower's Adjustable "No-Draft" Steel Window Frame

Provide NO-DRAFT Ventilation and plenty of sunlight in your Poultry and Hog Houses, Barns, etc., this economical way. Use this adjustable No-Draft Steel Window Frame. Entire Frame built of lasting Galvanized Steel . . . aluminum paint finish. Absolutely leak-proof. Easy to install. Simply cut hole to proper size, insert frame and nail to wall.



The sash is hinged to frame at bottom, and can be adjusted "open" to 5 different positions, to provide proper ventilation, without drafts. Glass panes are securely held in place by angle strips which bolt to sash. No need to set the glass in putty . . . six bolts do the job. Prices do not include glass. For best results, use Lustraglass (the Ultra-Violet Ray Window Glass) listed below.

Catalog Number	For 4 Lights	Opening Required	Weight Each	1 Only	3 for	6 for
8A-2420—Frame only	8x10"	20x24"	13 lbs.	\$2.75	\$8.10	\$16.15
8A-2428—Frame only	10x12"	24x28"	18 lbs.	3.35	9.90	19.75

F. O. B. Quincy, Ill.

Brower's Single Light Roof or Wall Window

For use in side walls or roof. Heavy ribbed glass admits at least 30% more light than plain glass. Size of light 20x28 in. Frame completely assembled—ready to install.

No. 8A-8K—Window complete with 20x28 in. glass.			
1 in crate, wt.	35 lbs., each		\$3.45
3 in crate, wt.	72 lbs., each		3.00
6 in crate, wt.	120 lbs., each		2.80

No. 8A-80K—Frame only, without ribbed glass.			
1 in crate, wt.	12 lbs., each		\$1.85
3 in crate, wt.	23 lbs., each		1.60
6 in crate, wt.	35 lbs., each		1.50

All F. O. B. Quincy, Ill.



Brower's Rite-Way Adjustable Ventilator

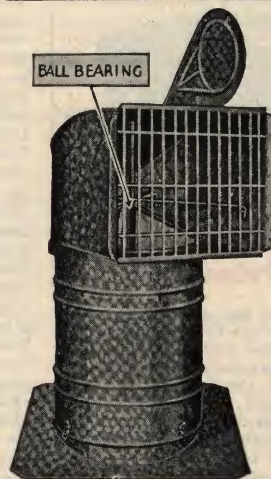
BALL BEARING REVOLVING HEAD

One of the best constructed and most practical Ventilators on the market. Constructed of Galvanized Steel for long, efficient service. The counter-balanced head revolves on ball bearing axle. Never freezes. Will not fail to work in the coldest weather. The weather vane makes it respond to the slightest change in direction of wind. Fitted with bird-proof screen. Adjustable to fit any pitch of roof, up to 25 degrees.

FOR SLOPING OR FLAT ROOFS

No. 8A-12V—Rite-Way Ventilator.	
Height over-all	34 in. Flue diameter
12 in. Packed one in Carton, weight	22 lbs. Price each
	\$6.30

F. O. B. Quincy, Ill.



FREE ENGINEERING SERVICE

If there is any question in your mind about the equipment you should use to properly ventilate your buildings, send us a sketch of house, giving full dimensions, and let our Ventilating Engineers give you a complete recommendation of the System to best serve your needs. This service is FREE and puts you under no obligation to buy.

Brower's Triple-Duty Heat Circulator

Heating Capacity
4000 cu. ft.
under severe
conditions.



It Heats, Circulates and Humidifies the Air

Here is the ideal equipment for heating Brooder Rooms and Laying Houses; for use in Hatcheries, Battery Brooder and Hen Battery Plants; Garages, Work Shops . . . in fact, wherever a uniform temperature is necessary. It is especially recommended as a room heater for use with Brower's 100-a-Week Broiler Plant on page 24. Brower's Triple Duty Heat Circulator combines the basic principles of Hot Air Circulation, and by the use of the powerful, high grade, 12-in. Electric Fan, it greatly accelerates the rate of heat radiation—increasing the efficiency of the heating unit 25% to 35%. It has a heating capacity of 4000 cu. ft. in severe weather. The heavy duty Motor has phosphorous bronze bearings and is guaranteed to operate continuously for one year on one oiling. It uses little electricity—costs only 5 to 10c per day to operate.

How It Works: The powerful 12-inch Electric Fan draws the cold air off the floor, forces it against the Heater and over the moisture pan—and then out into the room through the openings in the top. It thus establishes a continuous, uninterrupted travel of humidified air to all parts of the room and back again along the floor, causing an equalization of temperatures and humidity in the room. Other types of Heat Circulators, now being offered, take air in at the top, force it down against the rising heat, and in this way most of the force of the Fan is offset and lost. Heat is automatically controlled.

For maximum heat-circulating efficiency, it is recommended that a Brower Fresh Air Intake (page 46) be installed in the building near the Circulator to induct fresh air into the room from the outside.

Heavy-Duty Construction

Brower's Triple-Duty Heat Circulator is substantially built of 26 ga. Galvanized Steel, with frame of heavy angle iron. Over-all dimensions: Height 61 in. Width 31 in. Depth 30 in. Legs are 12 in. high. Large hinged door gives free access to the stove. Top is removable. Five-inch opening for stovepipe. Brower's Twin-Blast Oil Brooder Stove, described on pages 50 and 51 is especially recommended as the Heating Unit. However, almost any other type Drum Brooder may be used.

Complete with Oil Heater—As Shown

No. 8A-6131—Triple-Duty Heat Circulator, complete as shown above with a 24 in. Drum Oil Burning Twin-Blast Heater, 8 gal. oil tank and stand (described on pages 50 and 51); also Moisture Pan, a 12-inch Fan, 75 watt 60 cycle Electric Motor, 8 ft. cord and plug for 110 volt A. C. Shipped K. D. Easily assembled. Weight 150 lbs. Price.....\$55.00

F. O. B. Quincy, Ill.

Circulator Only—Without Oil Heater

No. 8A-6130—Triple-Duty Heat Circulator only. Fitted with Moisture Pan; 12-inch Fan, 75 watt 60 cycle Electric Motor, 8 ft. cord and plug for 110 volt alternating current. (Twin-Blast Oil Heater, oil tank and stand not included.) Shipped K. D. Easily and quickly assembled. Weight 100 lbs. Price.....\$38.50

F. O. B. Quincy, Ill.

Brower's Rinsing and Cooling Tank

For the Modern Broiler Plant

Wherever broilers or other poultry are dressed, Brower's Rinsing and Cooling Tank will be found an indispensable piece of equipment. It saves time and enables the user to market a finer looking dressed bird.



Well-Dressed Birds Command the Highest Prices

After the birds are scalded and picked, they are first given a thorough rinsing in Compartment No. 1 and then put into the Cooling Compartment No. 2. These two compartments can be filled with water directly from the faucet. In this way, the body heat is gradually removed from the birds, before they are put into iced water in Compartment No. 3. After thoroughly cooled in this third compartment, they are ready to be packed for marketing, or can be put in storage in refrigerators until the operator is ready to dispose of them. This system of cooling greatly improves the skin and appearance of the dressed bird.

Compartments No. 1 and No. 2 have a capacity of 20 gal. each. Compartment No. 3 holds 35 gal. Each compartment is equipped with a drain for easy cleaning. The tank is of heavy gauge rust-resisting galvanized iron. Frame and legs of heavy 1x1x1/8 in. angle iron, well braced. Built to give years of service.

No. 8A-2035—Rinsing and Cooling Tank. Over-All Size: Length 76 in. Height 38 in. Width 21 in. Weight 100 lbs. Price complete.....\$18.00

F. O. B. Quincy, Ill.

Brower's Steam Generator, Water Heater and Paste Cooker

For Broiler Plants, Poultry and Hog Houses, Etc.

An efficient Steam Boiler for heating scalding tanks in the Broiler Plant. Speeds up killing and dressing work. With Brower's Steam Boiler, scalding water can be had in just a few minutes and is easily kept at just the right temperature, which means that your broilers will dress out quicker and have a finer appearance when marketed. It is also ideal for sterilizing purposes. Almost any steel tank can be used with the Boiler, or a wood or metal barrel cut in half, as shown here, will serve the purpose very well.

It will operate all day on one bucket of coal. Takes only 15 to 20 minutes to generate steam and will boil a barrel of water, feed or paste in 25 to 30 minutes. Can be piped to convey steam 100 to 200 ft., to thaw out stock tanks, for cooking stock feeds or for scalding purposes. Burns coal, coke or wood or can be fitted with Gas Burner. Well built of heavy boiler steel with cast-iron fuel door and shaker grate. Connects to any ordinary flue. Tested to 50 lbs. pressure—safety valve blows off at 15 lbs. Fitted with water gauge, steam gauge, safety valve, check valve, 2 ft. steam hose and 4 ft. steam pipe. Height to steam gauge 72 in., to top of boiler 64 in. Fire box 24 in. high. Diameter 18½ in. outside; 15 in. inside. Diameter of grate 16 in.



Lifetime Construction—Low Price

No. 8A-495—Boiler as shown, equipped for city water pressure. Wt. 275 lbs... \$99.75

No. 8A-910—Gas Burner Equipment with double copper coil installed in the above Boiler (as shown on page 30). Weight 40 lbs. Price..... 47.25

F. O. B. Quincy, Ill.

Brower's Universal Marvel Electric Brooder

The only Electric Brooder ever known to actually brood chicks successfully in near zero weather without auxiliary heat. This Brooder really does it. In unheated houses in Wisconsin, a test was made from February to March with an average of 91.4% of all chicks started raised to maturity. There is plenty of heat and plenty of room under the big 52-inch square canopy to keep all chicks comfortable. The large electric heating element assures an even distribution of heat over the entire brooding area.



Recommended for Cold Room Brooding

When this Brooder was designed, it was decided to simplify it in design and in operation just as far as possible without impairing its efficiency. The object was to build the best Electric Brooder on the market at the lowest possible cost . . . a brooder that could be depended upon to raise the chicks safely and economically, with the utmost convenience. And that is exactly what the Universal Marvel does. This Brooder is noteworthy for its even distribution of heat. From edge to edge it is all brooding area . . . all uniformly heated. It furnishes the chicks ample room to run about in the warmth of its extra large heating element. It provides clean, healthful heat without smoke, soot or gases. And the heat is constant and automatically controlled. The Electric Thermostat Switch turns the current on and off at the slightest variation in temperature.

Special Chick-Profit Features

The heating Element is made oversize to provide a uniform distribution of heat under the canopy and to hold the desired temperature in suddenly changing weather. It carries two independent heating circuits of 400 watts each. In this Brooder you secure the safety of two elements, wired to operate together, but each also ready to operate alone and produce the heat needed under ordinary conditions. Either will carry on should the other fail. Total capacity 800 watts.

The Canopy is made strong and rigid, with the sides built purposely steep to keep the chicks off. All four sections heavily ribbed and insulated. Mounted on strong, adjustable steel legs.

The Thermostatic Heat Control is a special Automatic Snap Switch, with a positive make and

break action which eliminates arcing and burning. No radio interference.

A convenient door is hinged over a flanged opening in one section of canopy and gives free access to the switch and its adjustment, also to the thermometer. The glass observation window is right below it, through which the chicks are clearly seen in the light of the Toll Light.

Perfect Ventilation is provided by the oversize ventilating tube which adjusts up or down to control the volume of air moved, and assures proper circulation of air at all times, with minimum heat loss.

Built in one size only. Its large 52 in. square Canopy has a capacity of 400 chicks, based upon allowing about 7 sq. in. per chick. Average 24 hour electrical consumption is about 5 K.W.H.

One Size—One Unusually Low Price

No. 8A-452G—Universal Marvel Electric Brooder with 52 in. square Canopy. Capacity 400 chicks. Complete as described above, with curtain, adjustable legs, observation door, automatic control, thermometer, toll light, pilot light, electric cord and plug. Wt. 95 lbs. Price \$25.95
Operates either on 110 or 220 Volt Alternating Current.
Shipped K. D., F. O. B. Quincy, Ill.

Wake-O Incubator and Brooder Alarm



Warns in case of fire and is a safeguard against overheating or chilling of chicks and eggs. Only a slight variation in temperature is required to close the circuit and ring the electric bell. The silver contact screws can be adjusted for any degree of heat with any desired range of temperature. For example, if a temperature of 103 degrees is desired, with a range of two degrees—one screw is set so that contact is made at 104 degrees and the other at 102 degrees.

The thermostat unit is placed in incubator or Brooder and connected to bell and dry-cell battery in house. Several thermostat units can be used with one bell and dry-cell battery. The Battery is not furnished. Alarm is fully guaranteed.

No. 8A-221—Wake-O Alarm, complete with bell, switch and 75 ft. of wire and instructions. Wt. 2 lbs. Price \$5.70

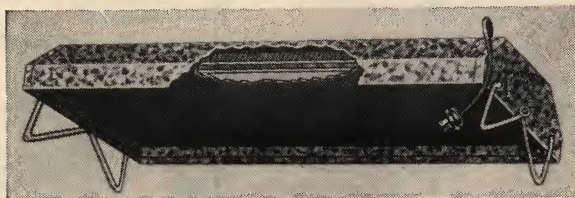
Prepaid In U. S. A.

Ideal for Broods of 25 to 50 Chicks

This is an exceptionally efficient brooder for its size. Its uses are manifold. Used as an ordinary floor brooder, it will care for many more chicks than the average small brooder because the whole top is a heating element and the chicks can brood in comfort from edge to edge. It will successfully operate in any room where temperature does not fall below 40 degrees.

Used as a heating unit in Battery Brooders, it is ideal. Permits the use of homemade batteries or commercial unheated batteries without moving chicks from compartment to compartment—simply move the brooder when the chicks no longer require it. The steel skirt holds a blanket of heat, eliminating the necessity for a curtain. The adjustable legs hold the element from 3 to 5 inches above floor. There is no automatic heat control—the chicks select their own temperature by moving closer to or farther from the center of brooder. Makes a fine window display unit and is ideal for brooding quail.

Brower's Junior Electric Hover



PRICED FOR VOLUME SALES

No. 8A-43X—Brower's Junior Electric Hover, complete as shown, with legs, 60 watt heating element, cord and socket connection. Dimensions: 28 in. long, 16 in. wide. Wt. 13 lbs. Mailable. F. O. B. Quincy, Ill. Price each \$4.50

BROWER'S IMPERIAL A

A Marvel of Chick Raising Efficiency

Brower's Improved Imperial Twin-Blast Brooder is by all odds the finest Drum Oil Brooder on the market. It is recommended for all brooding purposes and is especially ideal for cold weather brooding. When it comes to radiating heat, there is none other can compare with it. It warms the whole house—not just the area under the hover. It leaves no cold corners. With the Twin-Blast, the chicks are not confined to a small brooding area. There is no huddling—no crowding. They run about at will, eat more and, consequently, grow faster. Being economical in operation, the Twin-Blast is ideal for large flocks of a thousand or more—yet operates cheaply enough for the small chick raiser. It is also suitable for turkey brooding. The Twin-Blast Burner is designed to get all the heat out of the flame. It forces twin columns of super-heated air over both the inside and outside of the flame ring. The offset feature of the Heating Drum gives increased radiation—more chick room under the canopy, and also serves as a heat deflector, forcing the heat downward onto the chicks. Then there is the baffling in the drum to secure utmost efficiency by increasing the route of heat travel, as shown in the large illustration opposite. In this way all the heat is extracted from the flame.

Only the Imperial Twin-Blast Has All These Outstanding Features

Economical in Operation. It burns either kerosene (coal oil) or 38-40 distillate with perfect combustion and economy. Uses only 2 to 3 gallons of oil a day.

Forced Draft Principle draws all foul air from beneath canopy and whisks it up the flue—bringing in a supply of fresh air from the outside. This insures efficient circulation of air at all times.

Entirely Automatic. Positive heat control. No floats or leveling devices to get out of order. Brower's time-tested Automatic Oil Valve regulates flow of oil to burner. Holds temperature at the set degree regardless of outside weather conditions. Special shield protects the wafer.

The Oil Filter is a new feature. It prevents sediment and water from getting into the Valve and Burner and insures steady, trouble-free operation without interruptions. It has a glass sediment bowl and shut-off valve and is quickly and easily removed for cleaning.

2-Gal. Oil Tank on Collapsible Wire Stand. Stand made of heavy wire, electrically welded. Folds flat when not in use. If desired, the fuel

line may be connected to a barrel or fuel drum placed outside the brooder house.

Easy-Clean Burner Feature. Handle of cleaning rod projects outside the heater lid. A turn of the handle instantly cleans the burner of all soot and carbon.

Easily and Quickly Installed. The fuel line is 1/8-in. iron pipe. Insures quick assembly and eliminates air pockets, frequent where copper tubing is used.

Safe—No Fire Danger. The overflow outlet is 1/4-in. iron pipe. Impossible for oil to drip into litter or on floor under stove.

Open Top Heater. The heavy steel canopy ring leaves top of drum exposed for greater heating efficiency and lower fuel consumption. Tests have proven conclusively that covered heaters waste both heat and fuel.

Removable Inner Drum. An outstanding feature. Entire inner drum is easily and quickly removed for cleaning after brooding season, to prevent rust and corrosion, and thus insure long life. Cleaning of drums is not necessary when brooder is in continuous operation.

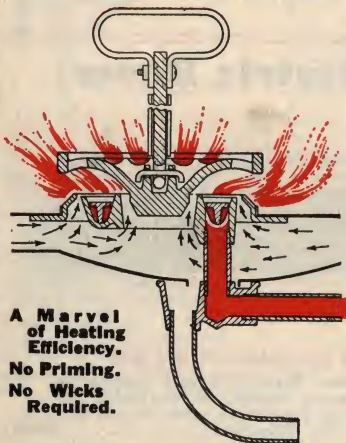


\$17²⁵

WITH
30" HOOD



Twin-Blast Burner



Sold on "30 Days' Free Trial"

Study the illustration. Read the description. See how carefully we have built Brower's Imperial Twin-Blast Brooder into a modern, 100% efficient, money-saving, chick-raising unit. This Brooder is built exactly as we believe you, yourself, would have built it had you had the experience, knowledge, time and equipment to construct a PERFECT BROODER. So great is our confidence in it that we sell it to you on 30 Days' Free Trial. Try it for 30 days—brooding chicks, poults or ducklings. If, after 30 days' operation, you can honestly say you find it to be other than we have represented it to you—that it does not perform as we claim it should—then you may return it (within 5 weeks from purchase date) and your money will be promptly refunded.

What Users Say!

**Broods 500 Chicks
28 Below Zero**

Gentlemen:
I have had 500 chicks since Jan. 20th. In 22 to 28 below zero weather, the Twin-Blast Brooder uses 4 gals. fuel oil in 24 hours and keeps a 11x14 ft. house warm.
Mrs. E. Hackel,
Missouri

Sells Over 125 Twin Blasts

Gentlemen:
We have had very gratifying results with your Twin-Blast Brooder. Sold over 125 stoves in the past 3 years. Many people have bought their second and even third Twin-Blast from us. This speaks for itself.

Ritters Hdwe. Store
Pennsylvania

ONLY 2% LOSS

Gentlemen:
I raised 98% of my chicks with 3 of your Drum Type Brooders. We had a windy March, but it didn't make any difference if the wind blew 40 or 4 miles per hour—the stoves worked perfectly.

V. O. Emerick
Oklahoma

Automatic TWIN BLAST OIL BROODER

\$18³⁰

WITH
45" CANOPY



Broer's Guarantee Bond

This is to signify that you are the purchaser of a Broer's Imperial Type Brooder, and are therefore protected by this GUARANTEE BOND. Should there be any defects in material or workmanship, the Broer's Manufacturing Company agrees to make good any such defective Brooder or parts, upon return of same to factory—transportation charges prepaid.

FIRE PROTECTION GUARANTEE: Broer's Manufacturing Company agrees to replace, without charge to the original purchaser, any Canopy Type Brooder that is damaged by fire while Brooder is in operation—upon return of damaged Brooder to factory—transportation charges prepaid.

Dated at Quincy, Illinois

BROWER MFG. CO.



Quincy, Illinois

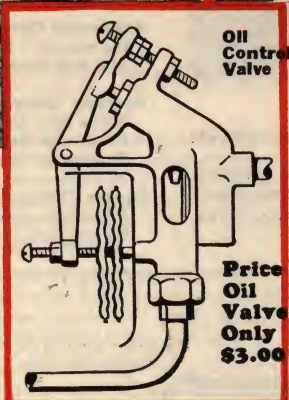
**8-GALLON
OIL TANK
Collapsible
Wire Stand**

Built to Merit Broer's Guarantee

Broer's Imperial Twin-Blast Brooder is built throughout of heavy serviceable materials. Heavy cast-iron base and burner. The base is rigidly supported on sturdy, iron legs. The Easy-Clean Burner masters the carbon nuisance. Note how the cleaner rod extends all the way from the burner to the handle projecting outside the heater top. No doors to open or lift. Just turn the handle and the burner is cleaned of all soot and carbon. Heating drum is of heavy blue steel. The six-piece canopy as shown is stamped from heavy galvanized steel. All sizes of Twin-Blast Brooders come fully equipped with the large 8-gal. Oil Tank and collapsible Wire Stand; Automatic Valve and Oil Filter as shown opposite; 1/8-inch iron pipe fuel line; 1/4-inch iron pipe overflow outlet; 5-inch pipe collar and Automatic Draft Adjuster. Easily and quickly assembled and installed.

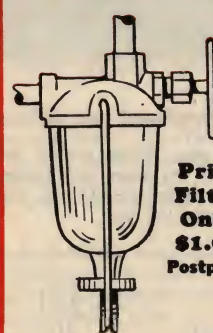
CAPACITY—It is the general practice to rate the chick capacity of drum brooders according to the heating capacity of the drum, leaving the selection of canopy size up to the buyer. The larger canopies confine the heat closer to the brooder area,

which means a saving in fuel consumption—but regardless of rated brooder capacity, one should not have over four chicks to every square foot of floor space. For example, a house 10x10 ft. will afford sufficient floor space for 400 chicks.



**Oil
Control
Valve**

**Price
Oil
Valve
Only
\$3.00**



**Price
Filter
Only
\$1.00
Postpaid**

The New Oil Filter

High in Efficiency—Low in Price

No.	Complete Brooder	Size of Canopy	Diameter of Drum	Recommended for Houses up to	Chick Capacity	Shipping Weight	Price Each
8A-2100—Imperial Twin-Blast Oil Brooder.....	Without Canopy	21 in.	21 in.	10x12 ft.	Up to 1000	46 lbs.	\$15.60
8A-2130—Imperial Twin-Blast Oil Brooder.....	With 1-piece Hood	30 in.	21 in.	10x12 ft.	Up to 1000	55 lbs.	17.25
8A-2145—Imperial Twin-Blast Oil Brooder.....	With 6-piece Canopy	45 in.	21 in.	10x12 ft.	Up to 1000	58 lbs.	18.30
8A-2155—Imperial Twin-Blast Oil Brooder.....	With 6-piece Canopy	55 in.	21 in.	10x12 ft.	Up to 1000	64 lbs.	19.20
8A-2400—Imperial Twin-Blast Oil Brooder.....	Without Canopy	24 in.	24 in.	12x16 ft.	Up to 1500	54 lbs.	18.90
8A-2456—Imperial Twin-Blast Oil Brooder.....	With 6-piece Canopy	56 in.	24 in.	12x16 ft.	Up to 1500	73 lbs.	23.25
8A-2465—Imperial Twin-Blast Oil Brooder.....	With 6-piece Canopy	65 in.	24 in.	12x16 ft.	Up to 1500	75 lbs.	24.75

F. O. B. Quincy, Ill. Easily and Quickly Set Up and Installed.

Brower's WOOD



THE WOOD MASTER CHOPS DOLLARS OUT OF TREES.

Another Smashing Brower Success—

In response to a growing demand for an efficient wood burning Brooder Stove, the Brower engineers set about to design a truly great stove—and once again the Brower engineering and practical poultry knowledge has proven Brower superiority. Brower's WOOD MASTER meets every requirement for the successful brooding of chicks. It is 100% more efficient and economical—ininitely safer and more trustworthy. With the WOOD MASTER on the job, there is no smothering, no crowding. It provides plenty of heat when it is needed. **BUT THE HEAT IS AT ALL TIMES UNDER POSITIVE THERMOSTATIC CONTROL.** This means ideal warmth for every chick—no huddling—no crowding. The chicks are always comfortable and, consequently they eat more and develop faster. They are not stunted by sharp changes in temperature and there are fewer deaths for they are warm and comfortable, day or night, regardless of weather conditions.

Brower's WOOD MASTER is the answer to the poultry raiser's need for 100% efficiency, convenience and economy in brooding. This stove brings the best of modern brooding equipment to every poultry raiser—yet it cuts the cost of brooding in many instances as much as 90%. The savings in fuel cost alone will practically pay for it the first season—to say nothing of the added profits that its soft, mellow heat will produce in quicker growth for the chicks and plumper bodies.

THESE FEATURES MAKE IT BY FAR THE BEST VALUE FOR THE MONEY

Slidable Baffle, return flue, cross-draft principle. This feature alone gets 33-1/3% more heat out of the wood. Also makes it possible to have a direct draft while fueling or starting fire by pulling out the conveniently located lever at front of stove.

Single Acting Thermostat Control has only one moving part. No clappers or wires to go wrong. Nothing for chicks to roost on. Sensitive and accurate in operation. Maintains temperature to any desired degree. Easily adjusted and easy to get at. Controls both the inlet and by-pass by one action.

Automatic Check Draft. Constantly ventilates under the canopy. Keeps the air sweet and pure. Saves heat and controls the draft.

Oversize Square Fire Box. A marvelous heater. Holds 25% more fuel than a round stove; provides far greater radiating surface for added efficiency. There is no waste fuel space in the square fire box.

Square Tilting Canopy. Accommodates more chicks. Eliminates crowding. Two-piece Galvanized Steel construction; front section lifts up, making brooder

completely accessible when caring for chicks or refueling the stove. Canopy made in two sizes.

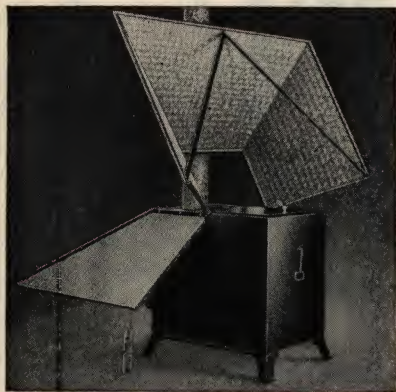
Stove Body Heavy Gauge Plate Steel. Securely welded and bolted air tight. Will last a lifetime. Compare its weight with other stoves now on the market, most of which are made from lighter material

Saves Time, Work and Worry. Burns slowly and steadily. Practically no ashes to bother about. Clean out the ashes once every 10 days or two weeks. That's all that is necessary. Holds heat for more than 24 hours in cold weather. Ends worry about night chilling.

No Fire Danger. The stove is easily fueled from the top. Positively no sparks or coals can escape. There are no fumes or gases to injure the chicks.

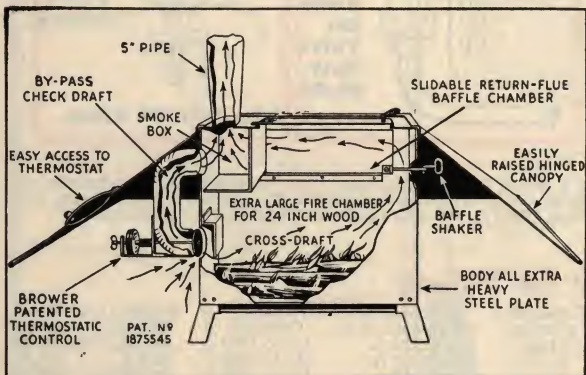
Burns Green or Dry Wood. No danger of fire going out in the Wood-Master so long as there is any wood in the stove. Dependable and safe.

Economy of Operation is startling. Reduces cost of brooding as much as 90%. One cord of wood will brood 1000 chicks to a safe age in cold weather.



Convenient to Work with

The easy tilting canopy gives complete access to the stove and chicks underneath. Stove is easily refueled from the top. Large, smoke-tight fuel door.



This cross section view shows the construction details of Brower's WOOD MASTER. Notice especially the heat travel—how the hot air is forced from the fire box into the return flues above, circulating completely around before it goes out the stove pipe. This means more heat from less fuel.

Cuts Operating Costs as Much as 90%

Uses One-Third Less Fuel

The Brower Patented Baffle Draft sends the controlled air through the wood, first from the rear of the stove, and then back through the return flues located above the square fire chamber—thence to the smoke box in the rear, from which it makes its exit by way of the smoke pipe. This long heat route and perfect combustion exact every possible unit of heat from the fuel, and does not allow it to escape directly up the smoke pipe. The square body of the heater doubles the fuel capacity as compared to round or oval stoves.

The Brower Patented Draft Control has been tested for more than five years and is the secret of perfect heat control. It has only one moving part and is the simplest regulator on the market. You need not worry about heat regulation when you have a Wood Master on the job.

And, you need not be reluctant about using wood as a brooder stove fuel, for in the WOOD MASTER, it more than fills the bill. In fact, wood is a much better fuel than has been realized heretofore, owing to the lack of a truly efficient stove. You need no longer buy expensive fuels, when wood is so cheap. For safety and perfect brooding, nothing beats the WOOD MASTER. No fumes. No noise. Just soft, mellow heat that promotes quick growth and makes for healthier, sturdier chicks. Brower's WOOD MASTER is a marvelous heater and does a better job of heating than most coal stoves. It is first of all a Brooder, but is also suitable for other purposes—such as heating laying houses, farrowing pens, etc.

-MASTER



— Raises Every Raisable Chick

Success in chick raising is largely a matter of knowing how, plus proper equipment. You cannot expect chicks to thrive and grow if they are subjected to drafts, chilling, overheating, foul air, gases, smoke and fumes. They must have abundant air—warmed to the correct temperature—not hot one minute and cold the next. Brower's WOOD MASTER provides the ideal conditions for brooding baby chicks—steady, even heat; constant, dependable Temperature Control, plus safety, convenience and economy in operation. It is truly the ideal Brooder.

**IDEAL
FOR ANY
CLIMATE**



**Holds Fire
Over
24 Hours**

on One Fueling

**ABSOLUTELY
SAFE**

**NO FIRE
HAZARD**

Years Ahead of All Other Wood Brooders

The WOOD MASTER is a long stride ahead of all other wood burning brooder stoves in long hours burning. Repeated tests have shown that it maintained abundant heat for 24 hours—and the fire still alive after 68 hours burning. In the WOOD MASTER, all of the heater body is below the canopy, just where you want it. This saves heat. In competitive tests, the WOOD MASTER used 33-1/3% less fuel, and did a far better job of brooding in other ways. For convenience, accessibility, safety, sturdiness, big capacity and long, trouble-free operation ... we know of no stove that excels the WOOD MASTER.

Burns Dry or Green Wood

Now you can use the wood lot as an added asset to your poultry operations, for the WOOD MASTER burns any kind of wood—dry or green. It maintains an even, steady heat and will burn for more than 24 hours on one fueling. It has abundant reserve heat at all times to take care of quick changes in weather conditions, which is so important to successful early brooding. The WOOD MASTER is automatic in every way. Once it is fired, you can confidently retire,

knowing that it will be on the job with full heat next morning. The coldest weather is no obstacle to safe and perfect brooding with the WOOD MASTER. The large fuel door on top makes it easy to stoke. There is positively no fire danger, for no sparks or coals can escape. Frequent attention is unnecessary. You need only remove the ashes once in 10 or 14 days. It is easy to set up and operate—full instructions furnished.

The two-piece hinged Canopy of heavy galvanized steel is made in two sizes and has a large door opening in the rear for easy attention to the regulator. Front section tilts for convenience. Being square, it gives a far greater brooding area than the round canopy. Bear this in mind when comparing prices.

When you buy a brooder stove, you are not buying so many pounds of iron and steel; you are buying life, health and comfort for your chicks—you are buying poultry profits. And, the more efficient the brooder, the more and better chicks you will raise and the greater will be your profits. Remember this—regardless of how much or how little you pay for any brooder stove, if it does not have all the advantages of the WOOD MASTER, you are simply discounting your chick profits.

Stove Specifications

Actual Fuel Capacity (Stove Wood).....	5½ cu. ft.
Height of Stove Body, less legs.....	22 in.
Height over-all, with legs.....	27 in.
Length of Stove Body.....	26 in.
Width of Stove Body.....	18 in.
Thickness of Body Steel.....	20 Gauge Plate
Large Fuel Door, size.....	9x15 in.
Size of Pipe Collar.....	5 in.
Weight of Stove only (less canopy) packed for shipment.....	60 lbs.

Big Capacity—Low Price

No. 8A-4856—Wood Master. 1000 day-old chick size. Stove complete with 48x56 in. Square Canopy (equal to 67 in. Round Canopy). Shipping Weight 95 lbs. Price..... **\$22.50**

No. 8A-5462—Wood Master. 1500 day-old chick size. Stove complete with 54x62 in. Square Canopy (equal to 77 in. Round Canopy). Shipping Weight 110 lbs. Price..... **24.00**

No. 8A-4850—Wood-Master stove only, less canopy. Shipping weight 60 lbs. Price..... **18.75**

Shipped K. D. F. O. B. Quincy, Ill. Easy to set up.

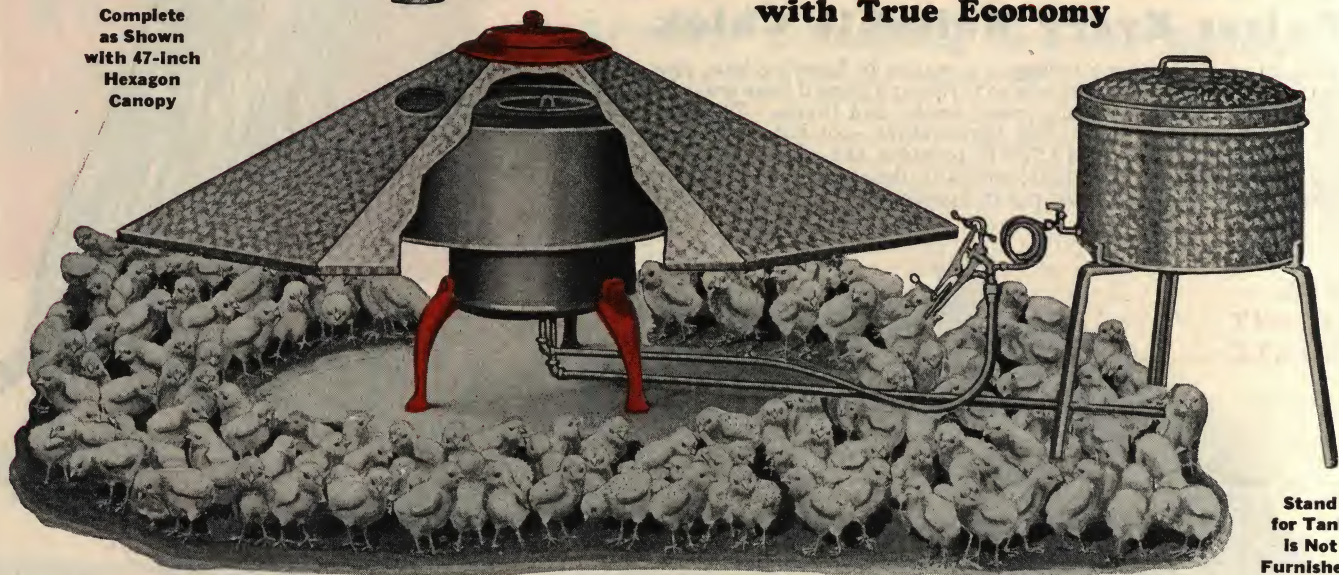
Brower's Master Drum Type Oil Burning Brooder

\$17⁶⁰

Complete
as Shown
with 47-Inch
Hexagon
Canopy



**Burns Either Kerosene or Distillate
with True Economy**



**Stand
for Tank
Is Not
Furnished.**

Note These Many Points in Favor of the MASTER DRUM BROODER

Tested, tried and proven one of the best constructed and most efficient, low-priced Drum Brooders on the market. While it does not have all the refinements of the Brower Imperial Twin-Blast, the Master Drum Brooder comprises many features included in only the more expensive brooders of other makes. For real performance, it will compare very favorably with other Brooders selling at much higher prices and you can expect good brooding results from it. And, after all, that is what the poultry raiser wants—an efficient and economical Brooder.

We invite comparison of its many outstanding features. There is the Cast-Iron Burner, of center well type, designed to

provide steady, even burning. There is the special annular baffle on burner, which provides circuitous air passage to pre-heat intake air. The big, heavy Blue Steel Heating Drum is 22 inches in diameter, 8 inches deep and is of double seamed construction to assure long life. The corrugated top and bottom of the Drum increase its radiation capacity. Outer drum is detachable from inner drum for cleaning or for storing brooder when not in use. The burner is easily cleaned by the special cleaning tool which is also used to lift off the canopy top and drum lid. The large inner drum gives faster heat pick-up and provides longer flame travel, for maximum heating efficiency.

Trustworthy—Reliable—Safe

Economical to Operate. By confining the heat from the drum to the brooding area under canopy, the operating cost is greatly reduced. Brower's Master Drum Oil Brooder uses only 1½ to 3 gallons of oil in 24 hours, depending upon weather conditions and size and construction of the brooder house.

Strong, Rigid Canopy. The Canopy furnished on the Master Drum Brooder is a real heat and fuel saver. Both the 47- and 52-inch Brooders are equipped with the sectional, Hexagon Canopy as shown, which is made of extra heavy galvanized steel and supported on drum by the use of centering clips. All canopy sections are bolted together securely and the heavy pressed steel canopy ring adds further to its rigidity. The Brooder No. 530B comes fitted with a 30-inch Round Hood or Heat Deflector.

Automatically Regulated—Less Work—Less Cost. The Automatic Thermostat Control regulates the flow of oil to the burner and is operated by a dependable Brower 3-inch double, ether-filled Brass Wafer, which responds quickly to all temperature changes. This simple but positive acting Valve is carefully machined—brass needle does not stick. Truly one of the Best "T" type Valves known to the brooder industry.

Six Gallon Capacity Oil Tank. The oil tank holds approximately six gallons of fuel. It is fitted with a Shut-Off Valve for added convenience and a brass strainer is furnished inside tank to exclude all sediment from the oil line and Valve. The Stand is not supplied. Oil Tank may be placed on shelf or any home-built stand or box, either inside or outside the brooder house. Tank is fitted with a friction type lid which fits tight, as a protection against high winds when tank is used outside.

Easily Installed and Operated. A 3-foot length of flexible copper tubing is furnished from the fuel tank to Regulator Valve. This is sufficient for the average brooder house. The 5-inch Draft Equalizer is standard equipment and assures proper control of draft for efficient operation of the stove. An overflow pipe is provided, eliminating fire hazard. The cast iron pipe collar takes regular 5-inch brooder stove pipe. The legs are cast iron and provide firm support for the stove. (Prices below do not include the Stand for Oil Tank. No stand is furnished.)

Chick Capacity. For successful brooding, a house 10 x 10 ft. is recommended for 200 to 400 chicks, and a 12 x 12 ft. building for 300 to 600 chicks.

Note These Low Prices on Brower's Master Drum Oil Brooders

Furnished Complete as Shown—But Without Stand for Oil Tank

No.	Size and Style of Canopy	Diameter of Drum	Depth Drum	For House Size	Actual Chick Capacity	Weight Each	Price Each
8A-530B—Master Drum Brooder	30 in. Round	22 in.	8 in.	8x10 ft.	Up to 200	65 lbs.	\$16.95
8A-547B—Master Drum Brooder	47 in. Hexagon	22 in.	8 in.	10x12 ft.	200 to 500	70 lbs.	17.60
8A-552B—Master Drum Brooder	52 in. Hexagon	22 in.	8 in.	12x12 ft.	300 to 600	75 lbs.	18.25

Shipped K. D. in Carton. **F. O. B. Quincy, Ill.** Easily and quickly assembled.

Brower's Heat-Master

One of the Most Efficient Automatic Drum Oil Brooders on the Market



Broods Chicks Successfully in Zero Weather Burns Kerosene or Fuel Oil—14-inch Diameter Drum

Brower's HEAT-MASTER Brooder is especially recommended to people raising small flocks, who wish to limit their brooder cost investment to a very reasonable figure and have only a limited amount of brooding space. Brooding capacity—300 day-old Chicks; 150 four-weeks-old chicks. Heats houses up to 10 x 10 feet in size.

OUTSTANDING FEATURES

Cast Iron Burner and Legs. Blue Steel Drum. Will last for years. Automatic Brass Thermostat Heat Control Wafer. Oil Container of 3-gallon capacity; one filling of tank lasts from one to three days. Steel Baffle provides extra long heat travel. Copper Tubing and Shut-Off Valve. Die-cast Oil Regulator Valve. Will operate on kerosene (coal oil) or No. 1 Distillate. Easily started—easily cleaned. Chicks cannot come in contact with the Burner.

New White Finish Canopy. The 32-inch circular Canopy on Brower's HEAT-MASTER is in white finish. Gives a clear, sanitary appearance in the brooder house. This white finish is the latest in brooder canopy finishes.

Stove Specifications: Height of Brooder from floor to top of drum, 21 inches. Diameter of Heating Drum, 14 inches; depth of drum, 16 inches. Stove pipe collar, 5-inch size.

30-DAY MONEY-BACK GUARANTEE

Brower's HEAT-MASTER is fully GUARANTEED to be as represented and to do all we claim for it, or we will make good by replacement or by refunding purchase price—our only stipulation being that the complaint must be filed within thirty days after you receive your shipment.

ORDER NOW! Place your order promptly so that you will have your Brower HEAT-MASTER Brooder set up and ready for operation when your chicks arrive.

No. 8A-1432—Brower's Heat-Master Brooder. Complete as shown, with 32-inch White Finish Deflector Canopy, Automatic Draft Regulator, 3-gallon Oil Tank and Copper Tubing—no extras to buy.
Approx. Shipping Weight, 45 lbs. Price each, only.....

\$10.25

Prompt shipment F.O.B. Quincy, Ill.

No. 8A-1442 Heat-Master with 42" Canopy wt. 38 lbs., \$11.75

No. 8A-1452 Heat-Master with 52" Canopy wt. 47 lbs., 13.25

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BROWER'S *Big Chief*

**Special Air
Humidifier
Under Canopy**

**Sold on
30 Days'
Free Trial**



The World's greatest Coal Brooder. Truly a masterpiece of engineering and development. A marvel of convenience and accessibility. You don't have to baby this Brooder. It is built big and massive. Safe and easy to operate. Burns hard coal, soft coal or coke and radiates more heat from each pound of coal than any other type of coal brooder. The large hexagon Canopy is accurately stamped from Galvanized Steel. It is heavily ribbed for extra rigidity and has the **Brower Tilting Feature** which enables the caretaker to get any part of the area under the canopy without trouble. It also has **adjustable holes in top** which help to regulate the temperature under canopy and the brooder room. The temperature is controlled by the patented By-Pass principle which provides for a constant circulation of air whether it is passing through the fire or up the By-Pass channel. Pure, fresh, humidified air, gently circulated among the chicks means better health and faster growth.

No Other Stove Has All These Features Guaranteed for 3 Years

Large Oversize Fire Barrel carries a 3 YEAR GUARANTEE AGAINST BURNING OUT. Tapered design doubles heat radiating surface. Less fuel consumption. Correctly tapered from top to bottom so that fuel feeds down evenly and without clogging.

Front Dump, Rocker Grates. GUARANTEED FOR 1 YEAR. Lateral motion prevents possibility of hot ashes or clinkers falling out in front and setting fire to the litter.

Extra Large Ash Pit. Provides room for 24 hours, or longer, accumulation of ashes. Bottom of ash pit raised two inches from the floor. No danger even if set directly on wood floor. Ventilated base allows air to pass between floor and base bottom.

Tight-Fitting Doors. Machined to fit with unusual precision. Holds fire 24 hours or

longer. Large fuel door. Takes coal directly from the scuttle. Five-inch pipe collar.

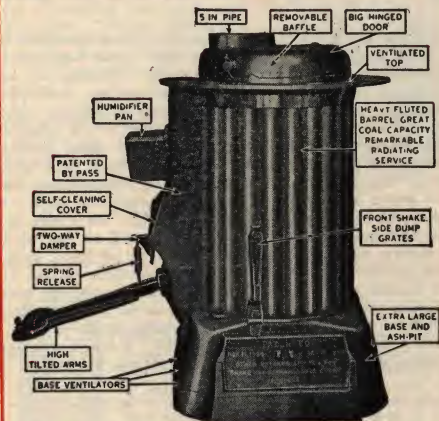
By-Pass Damper and Thermostat Draft Control. More sensitive. Regulates fire and temperature. Keeps air fresh and pure. Eliminates gas and smoke in brooder room.

Cast-Iron Humidifier Pan. Correctly bolted in place up under the canopy instead of at the bottom of the ash pit, as found in other stoves.

Hexagon Canopy of Galvanized Steel. Tilts for complete accessibility to area under canopy.

Ventilated Canopy Ring. By shifting canopy to one side or the other, it establishes circulation of heat through the room on the same principle as a modern warm air furnace. Also prevents breakage of thermostat wafers when starting fire.

Holds Fire 24 to 30 Hours



Deep corrugations all the way up and down the barrel. More heat from the same amount of fuel. Evener heat because a smaller fire is required. Note the special By-Pass channel and the Brower Humidifier pan.

Heavy Rocker Grates



No danger from hot ashes falling out into the litter. Plenty of space for the accumulation of ashes. Hot cinders will not bank up and burn out the grates. They won't interfere with proper draft. One shake of the handle cleans the fire.

Sold on 30 Days' Free Trial

So great is our confidence in the Big Chief that we sell it to you on "30 Days' Free Trial". Try it for 30 days. If you find it to be other than we have represented it to you—that it does not perform as we claim it should—then you may return it to us and your money will be promptly refunded.

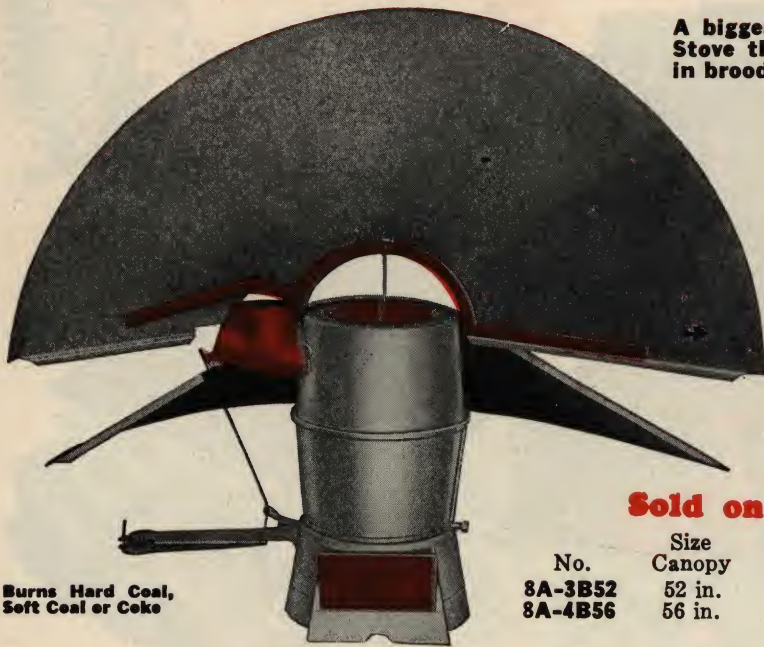
Specifications and Prices

No.	Diam. of Canopy	Day-Old Chick Capacity	For Houses Up to	Diameter of Grate	Coal Capacity	Weight Crated	Price
-982	56 in.	1000	10 ft.	11 in.	52 lbs.	147 lbs.	\$19.80
-983S	56 in.	1200	12 ft.	13 in.	77 lbs.	165 lbs.	24.75
-983	65 in.	1600	14 ft.	13 in.	77 lbs.	175 lbs.	25.80

F. O. B. Quincy, Ill.

BAEN

Brower's Coal-Master



A bigger and better Standard-built Coal Burning Brooder Stove that assures greater economy, efficiency and safety in brooding. Burns hard coal, soft coal or coke.

COMPARE THESE FEATURES

Large Fire Barrel. The straight, heavy cast-iron fire bowl gives greater coal capacity. No clogging—feeds fuel down surely and evenly. Large 9-inch opening for convenient filling. Wider Grates. Extended base prevents live coals dropping on the floor when shaking—eliminating fire danger. Ash pan furnished.

Double Thermostat Control exercises positive control over both direct and check draft. Sensitive all-brass Thermostat Wafers. Patented exterior baffle arm. Five-inch pipe collar.

Double-Hinged Canopy made from heavy gauge galvanized iron and wire bound. Either half easily lifted for access to stove or the chicks underneath. Extra heavy cast-iron canopy ring.

Attractively finished. Lacquered in battleship grey with bright trim.

Sold on a Money-Back Guarantee

No.	Size Canopy	Coal Capacity	Height	Dia. of Grate	Weight	Price
8A-3B52	52 in.	45 lbs.	21½ in.	9½ in.	105 lbs.	\$17.80
8A-4B56	56 in.	70 lbs.	24½ in.	11 in.	135 lbs.	21.35

F. O. B. Quincy, Ill.

Brower's "Save-All" Oil Burning Brooders

Simple in design and construction, these Brooders offer a high degree of convenience and dependability. No complicated parts to cause trouble. Operate on kerosene (coal oil). Consume one to two gallons in 24 hours, depending on where used. No fumes or smoke. Every drop of oil is utilized, reducing fuel cost to the minimum. Heat-equalizing Burner Shield of blued steel circulates heat like a pipeless furnace; keeps heat from floor around burner and also keeps chicks and litter clear of the flame. The gallon size oil bottle seats in a rust-proof steel reservoir, with the oil supply always visible. Oil outlet has a screened cloth filter to exclude sediment from the oil line of flexible tubing. Oil is turned on or off by a shut-off cock conveniently located. Automatic Thermostat Control regulates flow of oil to burner and maintains proper brooding temperature under canopy at all times; cannot entirely cut off oil flow. The flame can only be put out by closing the shut-off. Burner uses a wire woven asbestos lighting ring (two furnished). Furnished complete with galvanized steel hexagon canopy as shown, with adjustable damper in top to provide ventilation.



Efficient and Economical

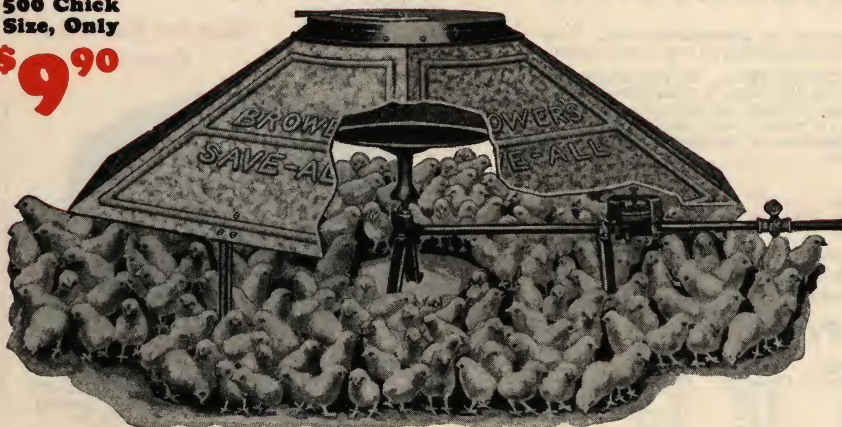
Complete with Automatic Control as Shown

Catalog No.	Canopy Size	Actual Capacity	Burner Size	Weight Each	Price Each
8A-235	35 in.	200 chicks	4 in.	32 lbs.	\$ 9.45
8A-245	45 in.	300 chicks	5-3/8 in.	37 lbs.	10.25
8A-255	55 in.	500 chicks	5-3/8 in.	43 lbs.	11.40

F. O. B. Quincy, Ill.

Brower's "Save-All" Gas Burning Brooder

500 Chick
Size, Only
\$9.90



Solves the problem of brooding chicks at low cost where manufactured or natural gas is available. Supplies uniform heat without soot or smoke. Operation cost about the same as for an oil brooder. Special Gas Thermostat regulates the gas pressure—maintains an even heat regardless of outside temperature variations. Brooder comes complete as shown—ready to connect to pipe line. Specify if Brooder is wanted for operation on natural or artificial gas.

No.	Size Canopy	Chick Capacity	Weight	Price
8A-429	45 in.	500 day-old	27 lbs.	\$ 9.90
8A-528	55 in.	1000 day-old	32 lbs.	10.80

F. O. B. Quincy, Ill.

No. 8A-15A—Gas Regulator only. Same as furnished on above Brooder. For 1/4-in. pipe connection. Suitable to use on any Gas Brooder or Heater to control temperature within range of 75 to 120 degrees. Weight 2 lbs. Price....\$ 3.00

Mailable. Postage Extra.

Brooder Stove Accessories

Brower's New Fuel Economizer

Cuts Fuel Costs in Brooding 25 to 50%

REDUCES FIRE HAZARD

An item of outstanding merit, made exclusively by Brower. Recommended for use with any make of Drum Type Oil Burning Brooder. With Brower's Fuel Economizer fitted to the stovepipe as shown here, 25 to 50% of the heat, which would otherwise escape out the pipe, is retained in the large, heat radiator drum, which in turn radiates the heat in the brooder room. This means increased heat radiation, with lower fuel consumption and practically no heat loss. The savings on fuel alone will soon pay its cost.

After the heat leaves the stove, it passes up the pipe, into the big Heat Drum where it is recirculated by the special heat distributing Baffle Plates, in the same manner as it is circulated in the stove drum. In this way practically every unit of heat, extracted from the fuel consumed, is utilized before it passes out the smoke pipe. This results in a saving of 25 to 50% in fuel consumption, depending on size of stove, etc. Brower's Fuel

Can be used with any Drum-Type Oil Brooder.

Economizer also helps to maintain the proper room temperature which is so necessary in Brooder and Laying Houses, Battery Brooder Rooms, also farrowing pens, etc., during the damp, cold weather of fall and winter months. The Heat Drum of heavy galvanized steel is made to fit 5-in. stovepipe—but can be adapted for 4-in. pipe by using a 5- to 4-in. pipe reducer at both top and bottom of drum. (Not recommended for use with coal and wood burning brooders.)

30 DAYS FREE TRIAL OFFER

Brower's Fuel Economizer is fully guaranteed. Try it for 30 days. If you find it to be other than represented—that it does not do all we claim for it—you will be permitted to return it and get your money back promptly.

No. 8A-158—Fuel Economizer with heat radiator drum 15 inches high, 15 inches in diameter; for 5-in. pipe. Packed one in carton, weight 10 lbs.

Price each.....\$2.85

F. O. B. Quincy, Ill.

Brower's Revolving Flue Cap

Keeps the Rain Out and Prevents Back Drafts

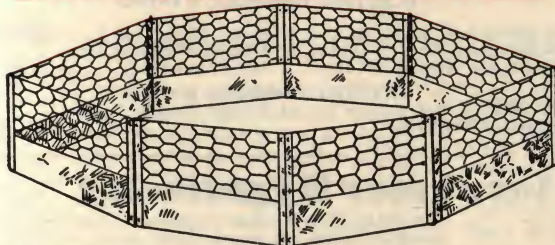
Used on top of smoke pipe stack, Brower's Revolving Flue Cap will increase the efficiency of any brooder stove. It absolutely eliminates the possibility of down drafts, as the vane turns with the slightest breeze. Also prevents driving rain or snow blowing down, inside the pipe and interfering with regulation of fire and heat control. Made of rigid galvanized steel. Fits only 5-in. stovepipe.

No. 8A-705—Revolving Flue Cap. Dia. 5-in. Weight each 2 lbs. Price each.....\$0.75

Weight, packed 12 in carton, 15 lbs.

F. O. B. Quincy, Ill.

Brower's Brooder Stove Fence



Keeps the chicks in close to the brooder—prevents them from straying too far and getting chilled. Furnished in sets of 8, 10, and 12 sections. Each section is 26-in. long. Metal base protects the chicks.

No. 8A-525—8-Section Fence, Dia. 69 in. Wt. 14 lbs.....\$3.25
No. 8A-526—10-Section Fence, Dia. 84 in. Wt. 20 lbs.....4.00
No. 8A-527—12-Section Fence, Dia. 99 in. Wt. 25 lbs.....4.80

F. O. B. Quincy, Ill.

Brower's Brooder Stove Pipe

with Patented "SNAPLOCK" Feature



Easiest of all pipe to set up. Requires no tools—no hammering—no rivets. It is put together

as shown in illustration above, by simply inserting tongue on one edge into fold on the opposite edge and pressing together until it snaps—when the pipe is locked and ready for use. The "SNAPLOCK" Feature gives a secure lock the full length of joint and leaves outside surface perfectly smooth. Can be cut into any fractional length without destroying the locking feature of cut pieces. Impossible to collapse or expand when joints are fitted together. All sections come rolled and ready for seaming, in joints of 24-in. length.

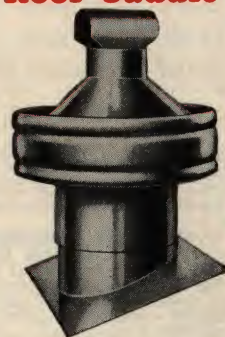


No.	Material	Size	Wt. Doz. Joints	Price per Joint	Dozen Joints	Case of 25 Joints
8A-65	28 ga. Galvanized	4 in.	23 lbs.	\$0.30	\$3.15	\$6.30
8A-67	28 ga. Galvanized	5 in.	31 lbs.	.40	4.15	8.25
8A-54	30 ga. Black	4 in.	15 lbs.	.25	2.40	4.80
8A-68	30 ga. Black	5 in.	18 lbs.	.30	3.00	6.00

F. O. B. Quincy, Ill.

Brower's Combination Roof Saddle and Ventilator

Here is an excellent Ventilator and Adjustable Roof Saddle combined into one unit at the usual cost of the ventilator only. The poultryman has only one hole to cut in the roof, only one installation to make, and efficient brooder house ventilation is assured. The adjustable base fits roofs from flat to 20 degree pitch. Throat diameter 8 in. Allows plenty of space around pipe for ventilation. The saddle takes 4- or 5-in. stovepipe without cutting or fitting. Comes complete with removable rain-proof flue cap.



No. 8A-208K—Combination Roof Saddle and Ventilator. Wt., each, 9 lbs. Price, each \$2.60

Packed 2 in carton, wt. 14 lbs.

F. O. B. Quincy, Ill.

Brower's Adjustable Roof Saddle



Flue Cap is Extra



Adjustable Roof Saddle. Can be used on any pitch roof.

Adjustable to any pitch of roof. Simply move the adjustable portion and, when pipe is perpendicular, lock it in place. Assures an absolutely water-tight and fire-proof job. Well-made of galvanized iron. Complete with adjustable base, and 14-inch pipe extension. Pipe is tapered from base to top. Any ordinary 4- or 5-inch pipe will slip into the pipe extension several inches. Makes it easy to install a brooder stove without cutting pipe. Flue cap is extra. Prices F. O. B. Quincy, Ill.

No. 8A-142E—4-inch Roof Saddle.

Wt. 5 lbs., price each.....\$1.10

No. 8A-143E—5-inch Roof Saddle.

Wt. 6 lbs., price each.....1.25

Above packed 2 in carton, wt. 8 lbs.

Flue Caps

No. 8A-604—4-inch Flue Cap.

Wt. 2 lbs., price.....\$0.30

No. 8A-605—5-inch Flue Cap.

Wt. 2 lbs., price......35

Caps packed 2 in carton, wt. 3 lbs.

All F. O. B. Quincy, Ill.

Brower's Rain-Proof Roof Saddle

For use on pitch roof. Fitted with a rain-proof cap. Assures good draft and eliminates fire hazard. Made of galvanized steel. Two sizes—for 4- or 5-in. pipe. State size wanted when ordering.

No. 8A-63—Roof Saddle with cap. Size 4- or 5-in. dia. Wt. each 2 lbs. Price.....\$0.85

Six in carton, wt. 13 lbs. Price.....4.05

Mailable. F. O. B. Quincy, Ill.



For Wafer Thermostats . . . See Page 58

Brower's "SAVE-ALL" WAFER THERMOSTATS



Important "SAVE-ALL" Features

The wafer discs are of brass and are deeply corrugated, with the edges double seamed, to give added strength and spring to the wafer. A heavy coating of solder is sweated into the double seamed joints and extended back 1/4-inch from edge. Solid brass post securely soldered from inside. Absolutely leak-proof. Only the highest grade of liquid is used in filling the "Save-All" Wafers.

COAL BROODER WAFERS

	Price Each	Price Dozen
No. 8A-1W —3 inch Double for Brower, Belle City, Buckeye, Big Chief, Dandy, Hudson, Imperial, Klondike, Makomb, J. W. Miller, Moe, Montgomery Ward, National, Reliable, Red-Hed, Royal, "Save-All", Successful, Sears Roebuck, Torpedo, Up-to-Date, Wetherspoon. Posts 5 and 6	\$0.35	\$3.15
No. 8A-3W —3 inch Double for Jamesway new-style Brooder. Posts 2 and 6	.35	3.15
No. 8A-10W —3 inch Double for old-style Jamesway, Drew and Cole. Posts 2 and 7	.35	3.45
No. 8A-15W —4 inch Double for Ohio old-style Brooder. Posts 2 and 6	.45	4.50

OIL BROODER WAFERS

No. 8A-1W —3 inch Double for Brower Blue Blast, Drum Major, Monitor, Crown, "Save-All", Sol-Hot, Twinfloat, Montgomery Ward, Reliable, Makomb, Up-to-Date. Posts 5 and 6	.35	3.15
No. 8A-21W —3 inch Double for Silent Sioux new style. Posts 2 and 4	.35	3.15
No. 8A-3W —3 inch Double for Rite Heat, Brower Twin Blast, Hudson, Queen, Makomb, Montgomery Ward, J. W. Miller, Sears Roebuck. Posts 2 and 6	.35	3.15
No. 8A-6W —3 inch Double for Simplex, McGrew, Sunshine, Lincoln, Phelan, Siebring. Posts 7 and 10	.35	3.45
No. 8A-7W —3 inch Double for Silent Sioux old-style. Posts 4 and 7	.35	3.15
No. 8A-2W —3 inch Double for Moe Brooder. Posts 2 and 9	.35	3.15

INCUBATOR WAFERS

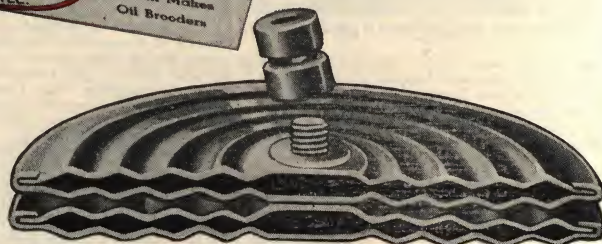
No. 8A-2W —3 inch Double for Brower DeLuxe, "Save-All", Safety Hatch, J. W. Miller, Ideal, Moe, Sears Roebuck, Makomb, Automatic, Klondike. Posts 2 and 9	.35	3.15
No. 8A-4W —3 inch Double for Style K Queen. Posts 4 and 10	.35	3.45
No. 8A-5W —3 inch Double for Reliable, Sure Hatch, Mankato, Simplicity. Posts 5 and 9	.35	3.15
No. 8A-12W —3 inch Double for Hibbard, Favorite, Montgomery Ward. Posts 2 (with 3/8 thread) and 9	.35	3.45
No. 8A-9W —3 inch Single for Oakes, Sears Roebuck, Brown Hen, Ironclad, Wisconsin, Sears Big Gray Hen. Posts 2 and 9	.30	2.80
No. 8A-13W —3 inch Single for Baby Grand, Little Setting Hen. Posts 5 and 9	.30	2.80
No. 8A-14W —4 inch Double for Wishbone. Post 2 (3/4-inch long) and Post 10	.45	4.75
No. 8A-15W —4 inch Double for Jamesway. Posts 2 and 6	.45	4.50
No. 8A-16W —4 inch Double for all Queen models except K and W.N.A.X. Posts 4 and 10 (7/8-inch long)	.45	4.75
No. 8A-18W —4 inch Double for Blue Hen, Candee, Newtown, Perfection. Posts 2 and 9	.45	4.75



One of the most costly defects about an incubator or brooder can be in the Thermostat Wafer. Be safe with the "SAVE-ALL". Brower's "SAVE-ALL" Wafer Thermostats are accurate and positive in action and give long, dependable service. In the factory, these Wafers have been expanded and contracted many thousand cycles with no apparent injury. Made entirely of the best quality, bright finish Brass and especially treated to retain their bright finish indefinitely.

Attractive Dealer Display Carton

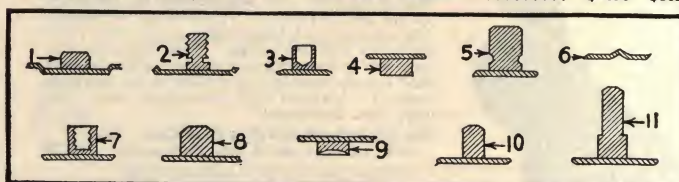
All "Save-All" Wafers are packed in individual boxes . . . and for the convenience of dealers, the 3-inch Wafers are put up in this handy Counter Display Carton. The Display Carton holds 12 wafers in individual boxes and is FREE to the dealer with every dozen of 3-inch wafers purchased.



Universal Type Wafer

This Wafer is readily adapted for use on nearly all coal brooders, many oil brooders and incubators—fits over sixty of the most popular styles. The threaded Universal stud, shown above, screws onto the male Screw Post 2 on top and thus converts it into either the Plain Post 5 or Female Post 7. Here in this one unit you actually get the advantage of seven different wafers, for the Universal is made to serve the purpose of the following wafers: Nos. 1W, 2W, 3W, 5W, 7W, 21W and 1WB. This Universal feature is especially advantageous to dealers, for it means that now there is only one style of Wafer to stock, where before seven different styles were required.

No. 8A-31W —3 inch, Double Disc Universal Wafer	Each \$0.35	Dozen \$3.30
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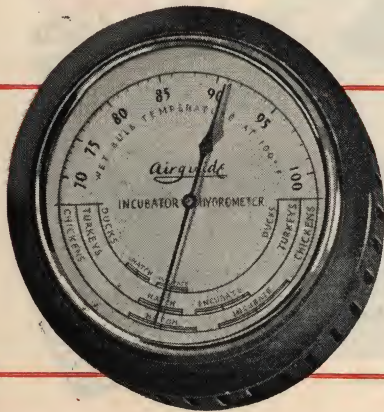
For the convenience of our customers we illustrate, above, eleven of the most commonly used wafer posts. When ordering, give the catalog number of wafer and the size, specify the make of Incubator or Brooder and designate style of posts by number.

ELECTRIC BROODER WAFERS

No. 8A-5W —3 inch Double for Lyon Electric. Posts 5 and 9	Each \$0.35	Dozen \$3.15
No. 8A-8W —3 inch Single for Oakes, W. J. Smith, Wizard, Brower, Radio Round. Posts 7 and 10	.30	2.80

BATTERY BROODER WAFER

No. 8A-1WB —3 inch Double for all Brower Electric Battery Brooders. Posts 4 and 7	.35	3.15
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The Airguide Incubator Hygrometer

CHECK the HUMIDITY IN Your INCUBATORS for Bigger and Better Hatches

The AIRGUIDE gives continuous and accurate information about humidity, just as simply as a clock tells time . . . and shows the correct zones for incubation and hatching of chickens, ducks and turkeys. It indicates the moisture content of the air in the terms of Wet Bulb Temperature. There's no guesswork with

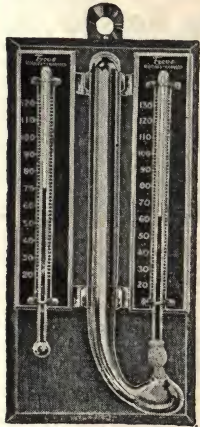
the AIRGUIDE—no loss of eggs due to insufficient or excess humidity. It pays for itself many times over. Use it in the Hatchery or brooder room. No installation bother—just hang it where you can see it. No wicks to change—no water cistern to fill.

Heavy metal case, dia. 4-5/8 in. by 1-1/2 in. deep. Large metal dial with easy-to-read black figures. Bright red double-pointed indicating hand. Scale reads from 70 to 100 Wet Bulb Temperature by degrees.

No. 8A-250—AIRGUIDE Incubator Hygrometer. Weight each 1 lb. Price each . . . \$2.50
Postpaid in U. S. A.

THERMOMETERS AND HYGROMETERS

No two items are so important to insure success in hatching eggs and brooding chicks as a dependable Thermometer and Hygrometer. We offer here a complete line of Thermometers and Hygrometers manufactured by some of the world's largest and most reliable manufacturers.



Combination Hygrometer and Thermometer

A TAYLOR INSTRUMENT

Vitally essential to hatcheries and poultrymen. Especially recommended for use in battery brooder rooms, and in Smith, Buckeye Petersime and other Mammoth Incubators. An ingenious device for determining relative and absolute humidity. Approximate scale range 30 to 120 degrees. Scales are black oxidized finished with white figures and graduations, mounted on mahogany panel, with insulating supports and syphon reservoir. Each in a box, complete with spare wicks, Chart and directions for reading. Sold on a 5-year Guarantee of Tested Accuracy.

No. 8A-5532—Hygrometer. Size 8-1/2x4-1/2 in. Price each... \$5.00

No. 8A-55321—Extra Wicks for above Hygrometer, per dozen... .75

No. 8A-55322—Extra Reservoir for above Hygrometer, each... .50

Prepaid in U. S. A.

TAYLOR INCUBATOR HYGROMETER

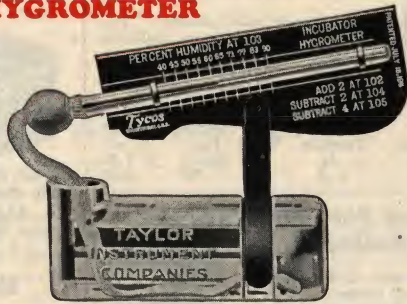
Many chicks die in the shell for want of proper humidity during incubation. The Taylor Hygrometer indicates the amount of moisture in the incubator so that proper humidity can be maintained. Black scale with white figures and graduations, glass cistern and wick. Stands 3-3/4 in. high, 4-1/2 in. wide over-all. Each in a box complete with directions. This Hygrometer carries a 5-Year Guarantee of Tested Accuracy.

No. 8A-5798—Hygrometer, each... \$ 1.70

Per Dozen, weight 7 lbs., price... 20.00

No. 8A-57961—Extra Wicks, per dozen... .75

Prepaid in U. S. A.



Health Hygrometer

Correct Humidity Means Bigger Hatches—More Profits

Proper humidity is of the utmost importance in successful incubation of eggs. It is also a safeguard of poultry health and likewise is of vital importance to health and comfort in the home. This new dependable Hygrometer is recommended to determine the relative and absolute humidity in Incubators, Brooder and Poultry Houses, Homes, Schools, Stores, Public Buildings, etc. It is not a regulator of moisture, but shows exactly what the conditions are, so that, if not correct, they may be made so. Scale range 40 to 120 degrees F. Satisfaction Guaranteed.

No. 8A-466C Health Hygrometer, wt., 3 lbs., each \$ 1.40

Per Dozen, wt. 15 lbs., price... 16.20

Prepaid in U. S. A.



Taylor Certified Incubator Thermometer

No. 5873 Incubator Thermometer



This is a Certified Taylor Incubator Thermometer. Sold under a 5-Year Guarantee of tested accuracy. Can be used to test cheaper thermometers. Black 4-inch scale with white figures and graduations. Tube is mercury filled with magnifying lens engraved in 1 degree divisions. Scale is flanged to hang over wire or to stand upright as shown.

No. 8A-5783—Thermometer. One in carton... \$ 1.20
Dozen, wt. 3 lbs., price... 14.00

Prepaid in U. S. A.

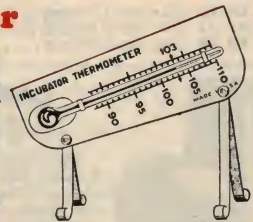
Brower's Reliable Incubator Thermometer

No. 8A-523C—A low-priced Incubator Thermometer. White enameled metal scale 4 in. wide, with black figures. Hatching zone tinted green. Scale flanged to hang from a wire or to stand upright as shown.

One in Carton, price... \$0.55

Dozen, wt. 2 lbs., price 6.00

Prepaid in U. S. A.



Incubator Moisture Guide



Insures good hatches. Scientific, accurate and practical. It is based on the correct evaporation of an egg in incubation and therefore, it works in any incubator. By its use, good hatches can be made in high or low altitudes, wet or dry climates. Attachments are included for all turning trays. Complete directions are furnished.

No. 8A-377—Moisture Guide, each... \$0.90

No. 8A-376—Extra Glass Tube for above, each... .60

Prepaid in U. S. A.

HOME AND BROODER ROOM THERMOMETERS

ACCURATE—DEPENDABLE—ECONOMICAL



No. 8A-444C Brooder Thermometer

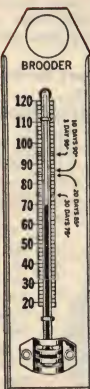
This handy style Thermometer was especially designed to insert through hole in top or canopy of brooder—placing the bulb in the actual brooding temperature and the scale outside for easy reading. White enameled scale with black figures and graduations. Wood frame 7 3/4 in. long. Magnifying lens tube filled with nonfading red liquid. Range 80 to 120 degrees Fahrenheit.

One in Carton, price... \$0.45

Dozen, wt. 2 lbs., price... 5.00

Prepaid in U. S. A.

No. 444C



No. 8A-12C Brooder Thermometer

Variation of a few degrees in brooding temperature often marks success or failure for the poultry raiser. Use this accurate, dependable Brooder Thermometer. Green enameled frame 7x1 1/2 in. Scale and numerals in black for easy reading. Registers from 10 degrees below zero to 120 degrees above, F. Non-fading red spirit, magnifying lens tube.

One in Carton, price... \$0.25

Dozen, wt. 2 lbs., price... 3.00

Prepaid in U. S. A.

No. 12C



No. 1005C

No. 8A-1005C Thermometer

For use in home or outdoors. Nonfading red liquid; magnifying glass tube with bulb protected. Heavy nonrust porcelain enamel frame 8 1/2 x 1-7/8 in. with blue figures and graduations. Registers 50 degrees below zero to 120 above. One in Carton, price... \$0.60
Dozen, wt. 5 lbs., price... 6.90

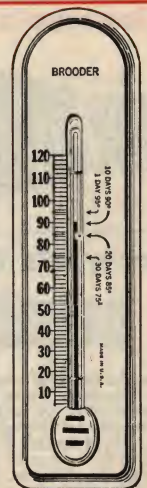
No. 8A-581C Brooder Thermometer

Nonrust white enameled frame 8x2 in. Black figures. Nonfading red liquid, bulb protected. Shows correct brooding temperature for chicks from 1 to 30 days old. Registers 10 degrees to 120 degrees F.

One in Carton, price... \$0.35

Dozen, wt. 4 lbs., price... 4.00

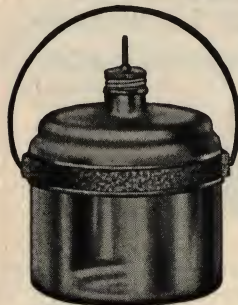
All Prepaid in U. S. A.



No. 581C

Repairs and Supplies for Incubators AND BROODER STOVES

Oil Container for Brooders



Fits nearly all Oil Brooders. Glass is the most popular container, as it keeps the supply of oil visible at all times. Never leak valve made of brass with steel coil spring. Weight 5 lbs. F. O. B. Quincy, Ill.

No.	Price
8A-337—Glass Oil Bottle with valve and ball.....	\$1.50
8A-334—Glass Oil Bottle less valve and ball.....	1.25
8A-335—Valve only for oil bottle.....	.30

Metal Chimneys

For Incubators and Brooders. Made of galvanized steel with mica window; 6 inches high. Postage 5c., each extra.

No.	Each	Doz.
No. 8A-11—For size 1 burner.....	\$0.25	\$2.40
No. 8A-22—For size 2 burner.....	.25	2.40
No. 8A-33—For size 3 burner.....	.25	2.40



Lamp Egg Tester

Used with any ordinary size 2 Lamp Burner to test fertility of eggs in incubation. It shows the inside of the egg and development of chick very clearly. Postpaid in U. S. A.

No. 8A-710—Egg Tester.	
Price each.....	\$0.35
Dozen.....	3.35

Brass Sun Hinge Lamp Burners

These are the most successful burners for use with lamp type incubators, brooders and heated fountains. Made in single wick style. Size 3 also furnished in double wick type. Double wick style burner is illustrated.



No. 9233

No.	Size	Size Threads	Size Wick	Price Each	Price Dozen
8A-921	1	1- $\frac{3}{8}$	$\frac{3}{8}$	\$0.45	\$ 4.80
8A-922	2	1- $\frac{1}{2}$	$\frac{1}{2}$	.55	6.00
8A-923	3	1- $\frac{3}{4}$	1 $\frac{1}{2}$	.70	8.40
8A-9233*	3	1- $\frac{3}{4}$	1 $\frac{1}{2}$	.95	10.80

*Double wick.

All Postpaid in U. S. A.

Zenith Chimneyless Brass Burners



Large and powerful. Require no chimney. Suitable for incubators, brooders, or fountains. Made in single wick style only. Postpaid in U. S. A.

No.	Size	Size Threads	Size Wick	Price Each	Price Dozen
8A-951	1	1- $\frac{3}{8}$	$\frac{3}{8}$	\$0.70	\$ 7.80
8A-952	2	1- $\frac{1}{2}$	$\frac{1}{2}$	.85	9.50

Wicks for Puritan Oil Brooders

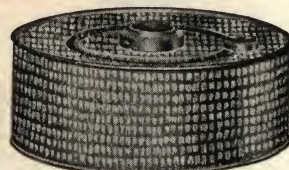
For use on any oil Brooder, oil cook stove or heater using the standard size wicks. Suitable for Buckeye Incubators and Perfection Oil Stoves. Postpaid in U. S. A.

No. 8A-807 Wick. Price ea.	\$0.30
Dozen, price.....	3.45



Metal Lamp Bowls

Substantially made of extra heavy galvanized steel — double seamed. Suitable for Incubators Brooders, Oat Sprouters and Fountain Heaters.



Bowl is 7 in. in diameter, 3 $\frac{1}{2}$ in. deep. Capacity 2 quarts. Furnished with size 1, 2, or 3 burner collar. Weight 2 lbs. Postage 15c each extra.

No.	Price Each
8A-961—Lamp Bowl for No. 1 size Burner.....	\$0.55
8A-962—Lamp Bowl for No. 2 size Burner.....	.65
8A-963—Lamp Bowl for No. 3 size Burner.....	.80

Brooder Stove Wicks



Special Indestructible Brass Wire Woven Wick, made of asbestos fibre, easily cleaned, no trimming. Not injured by burner burning dry. Lasts indefinitely. Suitable for use in any make of Oil Brooder Stove.

Width 1 $\frac{1}{2}$ in., diameter 3 $\frac{1}{2}$, or 5 inches. Be sure to state diameter of wick wanted.

No. 8A-340—Wick. Price each \$0.25; 3 for 60c; Doz. \$2.25. All Postpaid in U. S. A.

Red Felt Incubator and Brooder Wicks

No. 8A-2080—For size 1 Burner, per dozen.....	\$0.30
No. 8A-2090—For size 2 Burner, per dozen.....	.50
No. 8A-2100—For size 3 Burner, per dozen.....	.60

Postpaid in U. S. A.

ELECTRICAL PARTS FOR BROODERS

Brower's Violet Light Bulb

Brower's Violet Light Electric Bulb may be used as a heating element, also as a pilot light in Electric Canopy and Battery Brooders. It makes for greater chick comfort and helps prevent toe and vent picking. For 110 or 82 volts. 60 watt. Approved by Poultry Tribune Experimental Farm.

No. 8A-V—Violet Light Bulbs, each.....	\$0.75
Half dozen.....	4.50
Dozen.....	8.50

All Postpaid in U. S. A.



Brower's Lifetime Guaranteed Cone Heating Element



An exclusive Brower product. For use in Battery and Canopy Brooders. Puts out a large amount of heat. Uses little electricity. Lifetime Guaranteed Asbestos-bound heating wire. 60 watts. 110 volt only.

No. 8A-5004—Heating Element, each.....	\$0.55
Postage 5c., Extra	

Brower's Electric Bar Heating Element



One of the most economical Heating Elements made—for Chick Batteries, Canopy Brooders, Water Troughs, Fountains and Cold Frames. Also fine for use under hood of car to prevent radiator freezing in cold weather. Constructed with the outside housing of rust-resisting steel, lined with sheet asbestos. The Lifetime Guaranteed heating unit is best grade coil nichrome. The resistance wire, securely covered with asbestos cord, is wound about a center asbestos core and fitted between two sheets of asbestos—thus eliminating danger of wires being short-circuited. For 110 volt A. C. 22 in. long, 1-5/8 in. wide. Wt. 10 oz. Postpaid in U. S. A.

No. 8A-5002—Electric Bar Element, 60-watt, each.....	\$1.50
No. 8A-5003—Electric Bar Element, 100-watt, each.....	1.60

Brower's New Kumfort Electric Thermostat Switch

Enclosed in Bakelite Box

The finest and most accurate snap-type Electric Thermostat Switch ever offered for use on Electric Battery Brooders, Incubators... in fact any place where correct temperature control is essential. Positive in action. It turns the electricity on and off exactly on the correct degree. Identically the same unit as used so successfully on the Brower Electric Battery Brooders. It will not cause radio interference which is so common with many cheap controls now on the market. All mechanism is enclosed in a dust-proof BAKELITE box which eliminates the possibility of short circuits. Carefully built throughout of the very best materials—it can be depended upon for long, trouble-free operation.



No. 8A-481—Kumfort Switch, as shown, with one 3-inch Double Wafer. Weight 2 lbs. Price.....	\$1.95
No. 8A-482—Kumfort Switch, with two 3-inch Double Wafers for Incubator use. Price.....	2.45
No. 8A-1WB—3-inch Double Wafer only, price, each 35c. Dozen	3.15
Mailable. Postage Extra.	

Brower's Electric Heating Elements

Recommended for heating fountains, canopy brooders, etc. These elements furnish an immense amount of heat, consuming little electricity. The electric element is of the flat type, completely enclosed by the metal discs of galvanized steel. For operation on 110 volt alternating current only. Two sizes.

No. 8A-136—Brower's Electric Heating Element, as shown. Diameter 8 in. Capacity 60 watts. Price each.....	\$1.50
No. 8A-138—Brower's Electric Heating Element, as shown. Diameter 8 in. Capacity 100 watts. Price each.....	1.60
Postage extra.	



Save 15 to 40% on Feeder Values

Brower Leads the World

The following pages will give you positive proof that Brower does save you from 15 to 40 per cent on the world's most efficient and best constructed feeders for chicks, laying hens, ducks, turkeys and other poultry. This big difference in value starts right here in the Brower Experimental Plant. Here we examine every new feature that is brought out in a Poultry Feeder. Every improvement is carefully gone over and checked in actual use to make sure that it IS an improvement. Brower takes nobody's word for anything. He demands an exhaustive test. Goods must measure up to the high standard which Brower sets for the famous "SAVE-ALL" quality merchandise or it cannot find a place in the Brower catalog.

Every article on the following pages has passed this test with flying colors. And, in addition, Brower's Leaders have been approved by the Poultry Tribune Experimental Farm of Mount Morris, Illinois. Regardless of which you select, you will know that it is the best on the market for its purpose, and the tremendous Brower resources, the thousands of feet of floor space devoted to the manufacture of "SAVE-ALL" products, assure you that it is built the most economical way and we have only added Brower's small profit to arrive at the exceptionally low figures quoted in this catalog. Brower equipment is used by successful poultrymen the world over and has made for itself an excellent reputation for efficiency and long service.

FEEDING FOR EGG PRODUCTION

Scientific feeders regard the hen as an egg factory, which takes in raw materials in the form of feed and turns out eggs as a finished product. It is a well-known fact that if the hen is denied any one of the ingredients required to produce eggs, the production cannot be completed. There is no one ingredient which will alone produce the desired results. Water, meat food, green feed, grit, shell and charcoal are necessary to assist in supplying the various elements required for the construction of an egg. In all formulas it is understood these ingredients are to be supplied. Always be sure that your laying rations contain $4\frac{1}{2}$ parts carbohydrates to each part of protein. In other words, about 9 lbs. of grain to $1\frac{1}{2}$ to 2 gal. of milk or 1 lb. of beef scrap. Never feed mouldy grain or your hens will suffer from indigestion. Smutty grain not only produces soft-shelled eggs but often results in serious disorders of the egg organs. Quite often, a decided change in either feed or method of feeding throws hens into molt.

Pale yolks may be caused from lack of green feed. Yellow corn also helps to give a rich color to yolks. Corn, fed alone, is too fattening for hens. Wheat is much better. It is an erroneous idea that hens get too fat to lay. The fat of the egg is in the yolk. If yolks are formed without sufficient protein to finish making the egg, the yolks are reabsorbed and then the hen gets fat. If you have fat hens and they do not lay, try feeding less corn and starchy food. If they are too thin, increase the grain ration.

In the panel below, at the left, are given formulas for several excellent poultry rations. These formulas have been thoroughly tested and are producing very satisfactory results to users.

Home-Mixed Poultry Rations

Chick Starting Ration

Yellow Corn Meal.....	1000 lbs.
Wheat Bran.....	300 lbs.
Wheat Middlings.....	300 lbs.
Dried Milk.....	200 lbs.
Meat Scraps.....	100 lbs.
Brower's MOY.....	80 lbs.
Salt.....	10 lbs.

Protein Content, 16.0%; fiber, 4.1% N. F. E., 53.4%; fat, 4.7%.

Weise's Battery Chick Feed Formula

The all-in-one battery ration. Successfully used as a chick starter and growing mash.

Yellow Corn Meal.....	125 lbs.
Shorts.....	42½ lbs.
Buttermilk or Skim Milk.....	12½ lbs.
Alfalfa Meal (Not leaf meal).....	12½ lbs.
Alfalfa Meal.....	12½ lbs.
Meat Scraps.....	12½ lbs.
Fish Meal (White or Brown).....	12½ lbs.
Linseed Meal.....	5 lbs.
Limestone.....	1¼ lbs.
Salt.....	1¼ lbs.

Add ½ pint Cod Liver Oil to every 100 lbs. of Mash.

Growing Mash

Yellow Corn Meal.....	100 lbs.
Wheat Bran.....	100 lbs.
Wheat Middlings.....	100 lbs.
Meat Scraps.....	40 lbs.
Dried Milk.....	20 lbs.
Alfalfa Meal.....	20 lbs.
Brower's MOY.....	20 lbs.
Salt.....	2 lbs.

Protein Content, 18.1%; fiber, 6.1% N. F. E., 51.1%; fat, 4.8%.

Egg Mash

Corn Meal.....	200 lbs.
Wheat Middlings.....	200 lbs.
Wheat Bran.....	200 lbs.
Ground Oats.....	150 lbs.
Meat Scraps.....	50 lbs.
Dried Milk.....	50 lbs.
Alfalfa Meal.....	50 lbs.
Brower's MOY.....	4 lbs.
Salt.....	4 lbs.

Protein Content, 19.2%; fiber, 7.1% N. F. E., 46.5%; fat, 5.0%.

The Scratch Feed recommended to be fed with the above mash is equal parts of cracked corn and whole wheat.

For Brower's MOY, See Page 30.

SAVE-ALL Fountains

Increase EGG PRODUCTION as much as 50%

Do you know that an egg is composed chiefly of water? Sixty-seven per cent. Almost three-fourths of every egg is nothing more or less than just water. You know that certain other ingredients are necessary and that a hen cannot lay eggs without them. And, you supply them in abundance. But the chief factor—the most important thing that goes into the egg—water—is too often left to chance. Hens that suffer for want of water cannot possibly lay very many eggs. Above all things, supply your hens with plenty of clear, fresh water if you want to get anything like profitable production. And it must be pure water—not mud or slop. Put out plenty of "Save-All" sanitary waterers. Keep them cleaned and filled and watch for a big increase in egg production — often as high as fifty per cent.

Brower's Adjustable Sanitary Metal Reel Chick and Broiler Feeder

Perch-Proof Revolving Metal Reel.
Is Adjustable for Chick or Broiler Feeding. Sanitary. No-Waste Design Feed Trough.



A wonderful, all-purpose Feeder that provides sanitary feeding conditions for chicks of all ages—from day-old to broiler size. The adjustable wire legs provide simple adjustment of the height of trough to take care of growing chicks. The legs may be adjusted so that the feed trough sets

This new Feeder combines all of the essentials of efficient chick and broiler feeder design in one unit. It is positively one of the best values ever offered in a popular-priced feed trough. It is just as practical for the growing flock, broilers and pullets, as it is for baby chicks. The trough is easily and quickly raised to any desired height by a simple adjustment of the wire legs. The special design of the feed trough prevents fowls billing out the feed, and thus eliminates feed waste.

practically flat on the floor for small chicks—or raised any height up to 3 inches from floor for growing birds. Any adjustment can be made over a 2½-inch range by the use of wing nuts at ends of feeder, and the trough stays set when adjusted.

High in Value—Low in Price

The trough is constructed of heavy galvanized steel, with spot welded ends. Very sturdy and substantial. The smooth, double fold edges are turned in at just the right angle to prevent fowls billing out and wasting the feed. The adjustable, revolving metal reel makes this feeder absolutely perch-proof and keeps the chicks out of trough. It has 4 blades, with edges turned smooth, and offers four different adjustments to provide the right size feed opening along the trough edge to accommodate chicks of any age. The reel is quickly removed for cleaning and filling the trough, and may be left off entirely for pullet feeding, if desired.

Dimensions of Trough: Width 4-1/2 in. Depth 2-1/2 in. Made in three lengths. Over-all height, with legs and reel fully adjusted, 7-3/4 inches. Reel and legs painted red.

Metal Reel Feeder

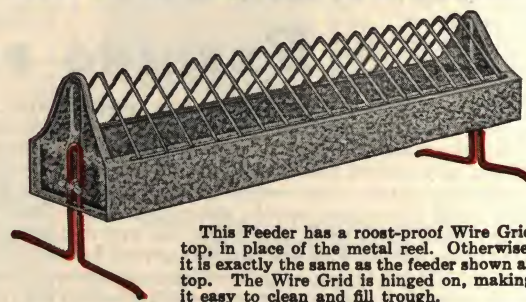
No.	Length	Wt. Each	12 in Carton	Price Each
8A-24B	24 in.	3 lbs.	29 lbs.	\$0.65
8A-36B	36 in.	5 lbs.	41 lbs.	.85
8A-48B	48 in.	6 lbs.	54 lbs.	1.00

Mallable. F. O. B. Quincy, Ill.

Feeder with Wire Grid

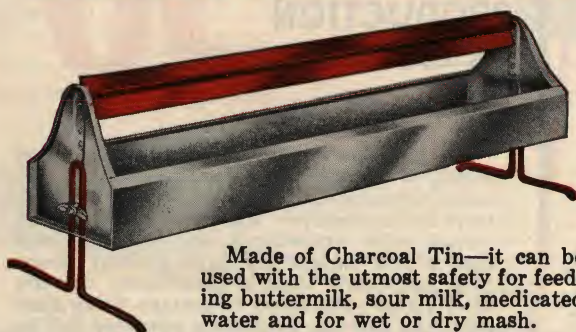
No.	Length	Wt. Each	12 in Carton	Price Each
8A-24W	24 in.	3 lbs.	31 lbs.	\$0.75
8A-36W	36 in.	5 lbs.	43 lbs.	.90
8A-48W	48 in.	6 lbs.	58 lbs.	1.05

Mallable. F. O. B. Quincy, Ill.



This Feeder has a roost-proof Wire Grid top, in place of the metal reel. Otherwise, it is exactly the same as the feeder shown at top. The Wire Grid is hinged on, making it easy to clean and fill trough.

Brower's Adjustable "All-Purpose" Buttermilk Feeder or Waterer



Made of Charcoal Tin—it can be used with the utmost safety for feeding buttermilk, sour milk, medicated water and for wet or dry mash.

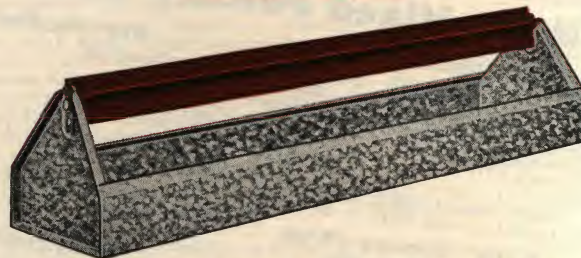
It will care for the chicks to maturity. The adjustable wire legs may be adjusted up or down over a 2-1/2-inch range by the use of the wing nuts at ends—to take care of chicks of various ages. The trough is well-made of heavy Charcoal Tin with ends soldered water tight. Has a half-inch lip to prevent feed waste. Adjustable roost-proof revolving metal reel keeps chicks out of trough and may be adjusted to four different positions to take care of growing birds. It is easily removed for filling and cleaning. Trough is 4-1/2 in. wide, 2-1/2 in. deep. Stands 7-3/4 in. high over-all when fully adjusted. Reel and legs painted red.

One Size—One Price

No.	Length	Wt. Each	6 in Carton	Price Each
8A-28B	28 in.	4 lbs.	16 lbs.	\$0.95

Mallable. F. O. B. Quincy, Ill.

Brower's Roost-Proof Metal Reel Chick Feeder



A popular floor type Feeder for baby chicks. The trough is fully 4½ inches wide, 2¼ inches deep. Staunchly built of heavy galvanized steel with the ends securely spot welded. Especially designed to minimize feed waste. The top edges are bent inward to save the feed billed up by the chicks. The roost-proof, revolving metal reel is four-bladed, easy rolling and offers two separate adjustments. Chicks do not quickly outgrow this feeder. Reel is easily removed for cleaning and filling. Trough made in three lengths. Reel painted red.

Money-Saving Prices

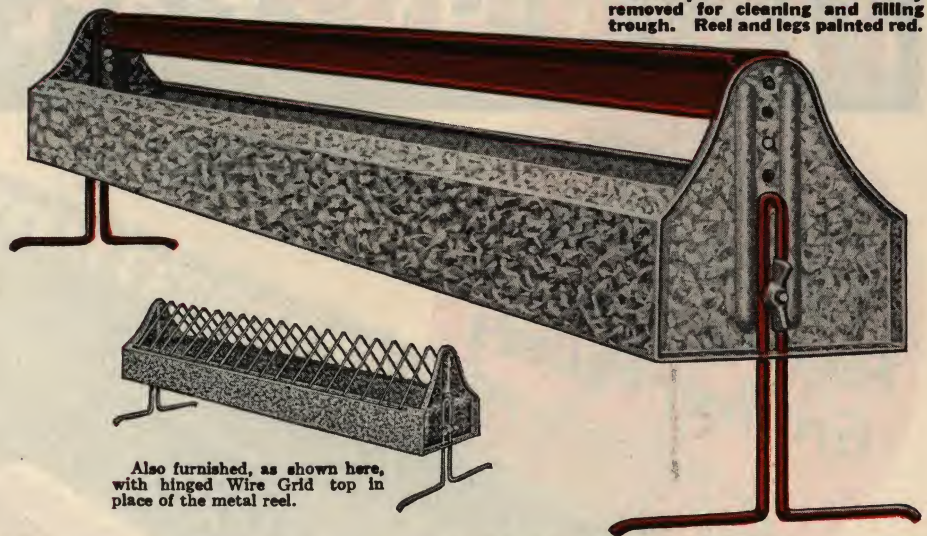
No.	Length	Wt. Each	12 in Carton	Price Each
8A-200B	24 in.	3 lbs.	24 lbs.	\$0.45
8A-300B	36 in.	4 lbs.	37 lbs.	.60
8A-400B	48 in.	6 lbs.	47 lbs.	.70

Mallable. F. O. B. Quincy, Ill.

Brower's "3-in-1" Adjustable Feeder For Growing Chicks, Broilers and Pullets

When chicks are four weeks or older and have outgrown the ordinary small starting feeders, this big capacity 4-ft. Feeder will give the utmost in service at low cost. It enables growing chicks, broilers and pullets to feed in comfort and, in consequence, they eat more and develop faster, which means quicker marketing and greater profit for the poultry raiser. A splendid Feeder for ducklings and turkey poults. Sanitary and economical to use, it quickly pays for itself in feed savings. The trough is heavy galvanized steel, with ends securely spot welded. The wide, folded edges serve as feed guards, preventing waste. The wire legs and revolving metal reel are adjustable, making it possible to adjust the height of trough and the size of feed openings to take care of growing birds up to maturity.

Dimensions: Trough 48 in. long, 5½ in. wide, 3 in. deep. Height over-all 9½ inches.



Roost-proof metal reel is easily removed for cleaning and filling trough. Reel and legs painted red.

Also furnished, as shown here, with hinged Wire Grid top in place of the metal reel.

METAL REEL FEEDER

No.	Length	Wt. Each	6 in Carton
8A-160R	4 ft.	7 lbs.	32 lbs.

Price
Each
\$1.30

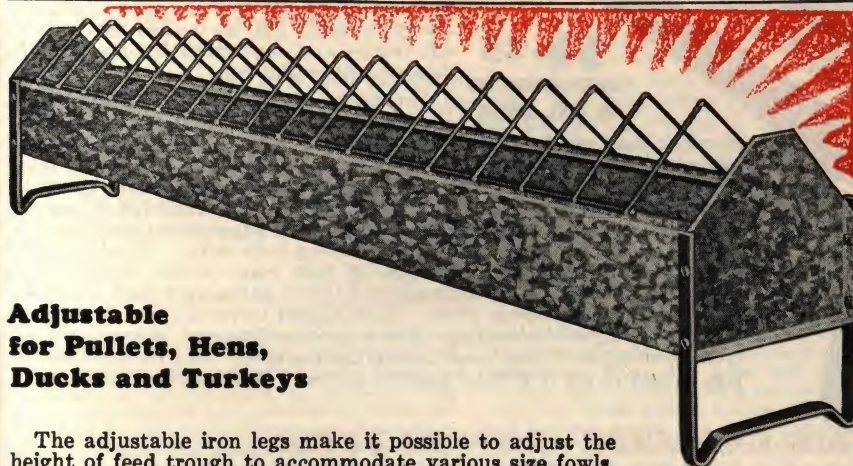
F. O. B. Quincy, Ill.

WIRE GRID FEEDER

No.	Length	Wt. Each	6 in Carton
8A-160W	4 ft.	7 lbs.	32 lbs.

Price
Each
\$1.40

F. O. B. Quincy, Ill.



Adjustable for Pullets, Hens, Ducks and Turkeys

The adjustable iron legs make it possible to adjust the height of feed trough to accommodate various size fowls. The Wire Guard provides 23 feeding spaces on each side and 46 fowls can feed at a time without crowding.

Dimensions: Trough 5 ft. long, 7 in. wide, 4 in. deep. Capacity 30 quarts. Over-all height 11½ inches.

BROWER'S SANITARY PULLET FEEDER

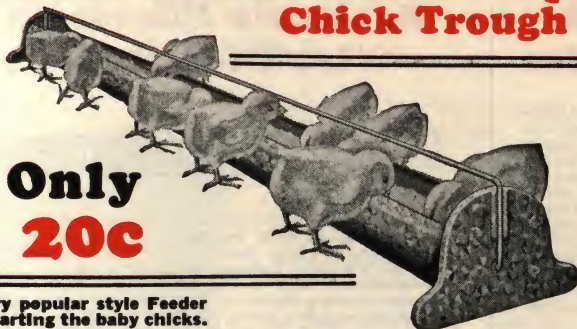
A wonderful value in an all around Feeder for feeding mash, grain or pellets. Its big-capacity feed trough, the sturdy adjustable legs and the roost-proof, heavy wire guard top are outstanding features and make it especially desirable. It fills the need of the most exacting poultryman. The wide trough permits hens to feed from both sides. It is substantially constructed of heavy galvanized steel, with turned-in flanges along its entire length forming a ¼-inch lip on each side to prevent feed waste. The Wire Guard is perch-proof. Hens cannot roost on top or foul the feed in trough. The guard is hinged on and is easily lifted for filling or cleaning trough.

CAPACITY 30 QUARTS

No.	Wt. Each	6 in Carton	Each	Six for
8A-360	12 lbs.	50 lbs.	\$2.40	\$13.80

F. O. B. Quincy, Ill.

Brower's "SAVE-ALL" Open Chick Trough



Only
20c

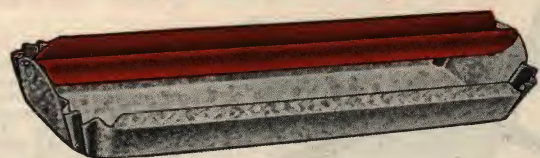
A very popular style Feeder for starting the baby chicks.

Sturdily built of heavy galvanized steel with the edges of trough turned in at top to prevent feed waste. Adjustable wire rod prevents roosting and may be lowered out of the way when filling trough. Length 20 in. Round bottom.

No. 8A-16 Chick Trough, wt. 2 lbs., each.....\$0.20
Dozen in carton, wt. 11 lbs., price.....2.20

Mailable. F. O. B. Quincy, Ill.

Brower's Economy Roost-Proof Chick Trough



Substantially made of galvanized rust-proof sheet iron, stamped from one piece, with no soldered seams. May be used as a feeder or waterer. The turned-in lip on each side of trough prevents waste of feed. The Metal Reel makes it roost-proof and keeps chicks out of trough. Made in four popular sizes to meet the demands of all poultrymen.

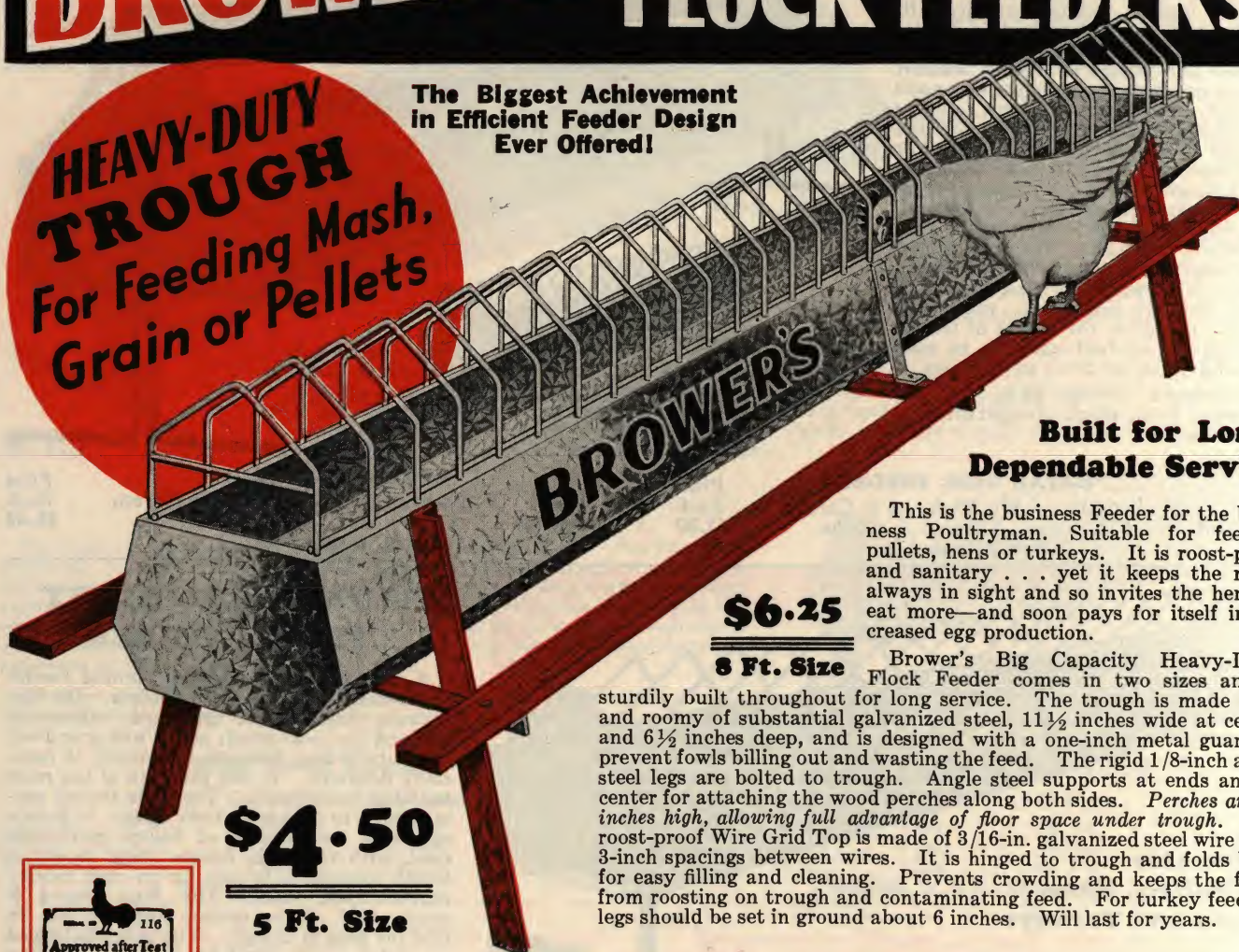
No.	Length	Number in Carton	Wt. per Carton	Price ½ Dozen	Price Dozen
8A-1412	12 in.	3 dozen	23 lbs.	\$1.00	\$1.65
8A-1418	19 in.	2 dozen	23 lbs.	1.35	2.30
8A-1424	24 in.	2 dozen	33 lbs.	1.85	3.30
8A-1436	36 in.	2 dozen	45 lbs.	2.50	4.65

Mailable. F. O. B. Quincy, Ill.

BROWER'S BIG CAPACITY FLOCK FEEDERS

HEAVY-DUTY TROUGH
For Feeding Mash,
Grain or Pellets

The Biggest Achievement
in Efficient Feeder Design
Ever Offered!



**Built for Long,
Dependable Service**

This is the business Feeder for the business Poultryman. Suitable for feeding pullets, hens or turkeys. It is roost-proof and sanitary . . . yet it keeps the mash always in sight and so invites the hens to eat more—and soon pays for itself in increased egg production.

\$6.25

8 Ft. Size

Brower's Big Capacity Heavy-Duty Flock Feeder comes in two sizes and is sturdily built throughout for long service. The trough is made deep and roomy of substantial galvanized steel, 11½ inches wide at center and 6½ inches deep, and is designed with a one-inch metal guard to prevent fowls billing out and wasting the feed. The rigid 1/8-inch angle steel legs are bolted to trough. Angle steel supports at ends and at center for attaching the wood perches along both sides. Perches are 18 inches high, allowing full advantage of floor space under trough. The roost-proof Wire Grid Top is made of 3/16-in. galvanized steel wire with 3-inch spacings between wires. It is hinged to trough and folds back for easy filling and cleaning. Prevents crowding and keeps the fowls from roosting on trough and contaminating feed. For turkey feeding, legs should be set in ground about 6 inches. Will last for years.

\$4.50

5 Ft. Size

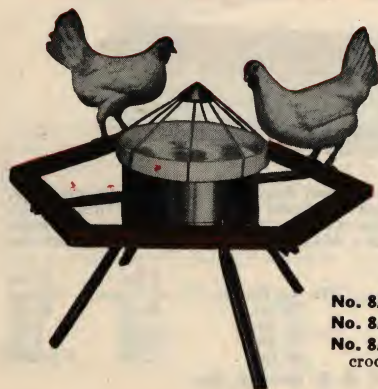


BIG CAPACITY—LOW IN PRICE

No.	Length	Mash Capacity	Hen Capacity	Feeding Spaces	Perch Space	Weight Each	Packed 2 in Carton	Price Each
8A-275	5 ft.	1¾ bu.	40 to 60 hens	42	10 ft.	30 lbs.	56 lbs.	\$4.50
8A-278	8 ft.	2¾ bu.	75 to 100 hens	64	16 ft.	42 lbs.	80 lbs.	6.25

Shipped K. D. Easily Set. Up. F. O. B. Quincy, Ill.

Brower's Sanitary Buttermilk and Wet Mash Feeder



Also ideal for use as a waterer. Allows a number of hens to drink or feed at one time without crowding. Crock keeps contents cool and makes a first-class nonpoisonous feeder for feeding buttermilk or wet mash. May be easily removed for cleaning. The conical wire guard top clamps over the crock and is rigidly held in position. It is made perch-proof to prevent fowls contaminating feed or water. Frame is substantially made with galvanized steel legs and wood platform. Stands high enough to keep hens from scratching litter into crock and to allow full use of floor area. Suitable to use with a regular 2-gallon milk crock.

No. 8A-SW1—Feeder, with crock, wt., 25 lbs. . . . \$3.60

No. 8A-SW—Feeder, less crock, wt., 9 lbs. . . . 2.75

No. 8A-771—Wire Guard only, to fit any 2-gallon crock. Dia. 12-3/4 in., wt., 2 lbs., price each50

F. O. B. Quincy, Ill.

Brower's "Save-All" Wire Feed Guards



Recommended for use on home-built troughs, to prevent crowding and to make troughs roost-proof and sanitary. Keeps the fowls from perching on top and contaminating the feed in trough. Substantially made of heavy 3/16-inch galvanized steel wire, with all joints securely welded. It is exactly the same Guard as furnished on our Heavy-Duty Flock Feeder shown above. Made in two sizes.

Number	Length	Width	Weight	Price Each
8A-2265—Wire Guard	5 ft.	9 in.	7 lbs.	\$1.50
8A-2268—Wire Guard	8 ft.	9 in.	10 lbs.	2.25

F. O. B. Quincy, Ill.

BROWER'S BIG 4-in-1 DUMB WAITER

**Saves Feed—Saves Labor
Saves Time—Saves Space**

**BIG
CAPACITY!
FOR MASH, GRIT,
SHELL AND
WATER**



**REMOVABLE
WATER TANK
FOR EASY
CLEANING**

**\$14.35 COMPLETE
AS SHOWN**

DRAIN

**Heated
Fountain
Never
Freezes**

Here is a complete "One-Stop Service Station" for your hens. It provides separate compartments for mash, grit, shell and water—everything they need in one handy unit. Gives the fowls a chance to pick out what they want without having to run from one feeder to another. Saves labor for the caretaker, too. The mash hopper easily holds 125 lbs. of mash and the water trough has a capacity of 7-1/2 gallons. One filling should be sufficient to keep a flock of 100 hens supplied with everything they need for 24 hours or longer.

Durably Constructed—Reasonably Priced

The big Dumb Waiter is sturdily built with the frame of heavy angle iron, securely bolted and braced. It will not sag with the weight of the fowls. Stands on rigid angle iron legs and allows full use of entire floor space. Wood perches have metal-bound corners and are 16 in. from the floor—high enough to discourage feather pulling and vent picking while birds are feeding. The heavy galvanized steel trough is fully 8 ft. long, 12-3/4 in. wide, 7-3/8 in. deep . . . built with separate

compartments for mash, grit, shell, and water. The hinged wire guard folds back, making the trough easily cleaned and filled. The water tank of heavy rust-resisting Armco Ingot Iron is removable for cleaning and has a special drain in bottom. Water trough fits into the outer trough, with an air space between walls forming a flue through which the heat passes. Made in one size and furnished with either a large capacity oil lamp or electric heater.

Electric Heated Model

No. 8A-265E—Dumb Waiter. Complete with a Guaranteed Electric Heating Unit, 8 ft. of cord and connection, for 110 voltage. Over-all size: Length 9 ft. Width 2 ft. Height 30 in. Weight 70 lbs. Price each . . . \$14.85
F. O. B. Quincy, Ill.

Lamp Heated Model

No. 8A-265—Dumb Waiter. Fitted with an extra large, kerosene-burning oil lamp heater. Complete as shown above. Over-all size: Length 9 ft. Width 2 ft. Height 30 in. Weight 70 lbs. Price each . . . \$14.35
F. O. B. Quincy, Ill.



Brower's Grit and Shell Box

4 Compartments

For feeding grit, shell, and charcoal. Keeps the feed clean and prevents waste. Each compartment holds 3 pints. Sloping roost-proof top is hinged on for convenience in filling. Has holes punched in back to hang against wall. Made of heavy galvanized steel. Mailable.

No. 8A-24F—Grit Box. Size: 12 in. wide, 12 in. high. Weight 4 lbs. Each . . . \$1.10
F. O. B. Quincy, Ill.



Brower's Electric Immersion Heater

SUITABLE FOR ANY FOUNTAIN

Especially designed to offer the greatest utility. Drop it into the water pan of any 5, 8 or 10 gallon Fountain; any pail, trough, open pan or crock up to 12 gallon capacity and plug into socket. No adjustments to be made. The automatic switch inside is carefully tested and permanently set. Holds water at 50 to 55 degrees, automatically. Case of heavy, tinned copper houses the heating element and switch. Securely assembled and soldered—positively water-tight. Heating Element of finest coiled wire, well insulated. Draws 200 watts. Average consumption is less than one K. W. H. in 24 hours. Guaranteed for one year.

No. 8A-134—Electric Immersion Heater. Size 7 in. long, 1-7/16 in. wide. Packed one in Carton, wt. 2 lbs. Price each . . . \$3.00

For 110 volt A. C. only. Postage extra.



Brower's Master Flock Feeder

For Hens, Pullets and Turkeys

Solves the feeder problem for the poultryman who demands a practical, well-made Feeder at a very low price. Suitable for feeding mash, grain or pellets—without waste. Big Capacity Feed Trough—made in two lengths.

\$3.60

5-Ft. Size

**Make \$60.00 Extra Egg Money
FROM ONLY 100 HENS**

Keep a Brower Master Flock Feeder before your hens at all times, filled with a first-class egg producing Mash, and look for a big increase in egg production. You can reasonably expect three to four dozen more eggs per year from each hen. At this rate, the extra eggs you would get from ONLY SIX hens in a year would total at least eighteen dozen and figured at 20c per dozen, would pay the entire cost of the 5 ft. Feeder. And—this 5 ft. Feeder is plenty large enough for a flock of 35 to 50 hens! With a flock of 100 hens, you could get at least 300 dozen more eggs per year. At only 20c per dozen, this would mean \$60.00 extra for you in egg money. Consider, too, the big savings in feed, time and labor which are to be effected by the use of these sanitary, big capacity, no-waste design Feed Troughs. Every poultry raiser—large or small—will find the Master Flock Feeders a practical and profitable investment.

\$5.40

8-Ft. Size

Large Capacity Feed Trough

Heavy, rust-resisting Galvanized Steel Construction throughout. All parts securely welded or bolted. Heavy, Channel Steel Legs, rigidly braced, support the Trough. Will not wobble or sag.

Efficient in Design—Sturdy in Construction

This sturdily built, low-priced Feeder will give years of satisfactory service and will soon pay for itself through the savings in feed, time and labor and through increased egg production. Designed to keep the feed always in full view of the hens, it thus induces them to eat more and as a result they lay more eggs. For maximum egg production, many poultrymen feed mash and cracked grain from separate feeders. Brower's low prices on Master Feeders make it possible to do this with true economy, and it is recommended that two of the 5 ft. feeders be used for one-hundred hens. For all-mash feeding, use one 8 ft. Feeder for eighty hens.

The Feed Trough is of heavy gauge Galvanized Steel, with the ends die-stamped. The trough is made 9 in. wide at center, 7 in. wide at bottom and 5 in. deep. The smooth, one-inch flange extending along top edges serves as a feed guard to prevent the fowls from billing out and wasting the feed. The roost-proof Wire Grid Top is of heavy, electrically welded galvanized steel wire with 2-1/2 inch spacings. It is hinged to trough and folds back for easy cleaning and filling. The 5 ft. Wire Guard has 22 spacings between wires; the 8 ft. size, 36 spacings.

Rigid, channel steel legs, securely bolted and well braced, support the feed trough. The 3-inch wide Wood Perches of clear lumber, nicely painted, are bolted to the cross supports and are 16 inches above floor. Ten feet of perch space is provided on the 5 ft. Feeder; sixteen feet on the 8 ft. size. The large 8 ft. Feeder is furnished with a special cross brace at center to prevent sagging. The small feeder does not require this center support and is held rigid by the legs and cross supports at ends.

Big Values at These Low Prices

No.	Length	Mash Capacity	Hen Capacity	Weight Each	Packed 2 in Carton	Price Each
8A-475	5 ft.	1-1/4 bu.	35 to 50	20 lbs.	36 lbs.	\$3.60
8A-478	8 ft.	2 bu.	55 to 80	29 lbs.	53 lbs.	\$5.40

Shipped K. D. Easily set up. F. O. B. Quincy, Ill.

Brower's No-Waste Master Floor Feeder

Hinged Roost-Proof Wire Guard—Large Feed Capacity

\$2.80

5-Ft. Size

\$3.90

8-Ft. Size

Roost-Proof—Sanitary

The Guard is made of heavy wire, electrically welded, and is hinged on, for convenience in cleaning and filling trough. Prevents contamination of feed. Wires are spaced 2-1/2 in. apart—with 22 spacings in the 5 ft. Guard and 36 in the 8 ft. size.

A practical, low-priced Floor Type Feeder for Pullets and Hens and a dandy outdoor Feeder for Turkeys.

The big capacity Feed Trough is substantially constructed of heavy Galvanized Steel with sturdy, 9-inch Channel Steel Legs . . . high enough to keep the trough above the litter. The two steel cross braces, bolted to the trough and legs, make this Feeder unusually rigid. Trough is 9 in. wide at center, 7 in. wide at bottom and 5 in. deep. The one-inch flanged edges along top of trough prevent the fowls from billing out and wasting the feed. Hen Capacity: 5 ft. feeder for 35 to 50 hens; 8 ft. size for 55 to 80 hens. Shipped K. D. Easy to set up.

LOW MONEY-SAVING PRICES

Feeder No.	Length Over-all	Mash Capacity	Weight Each	Wt. 2 in Carton	Price Each
8A-365	5 ft.	1-1/4 bu.	18 lbs.	24 lbs.	\$2.80
8A-368	8 ft.	2 bu.	19 lbs.	35 lbs.	\$3.90

F. O. B. Quincy, Ill.

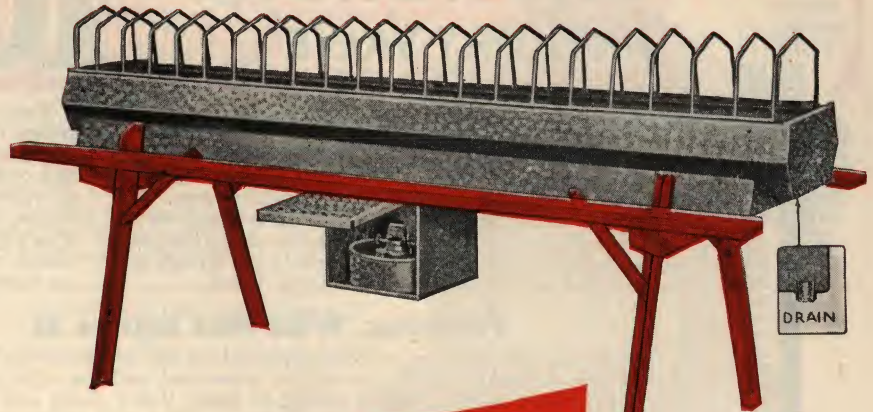
Brower's Monarch Poultry Waterer

With Sanitary, Rust-Proof, Non-Freeze Water Trough of ARMCO Ingot Iron

A popular style fountain designed and perfected to meet the demand for a large, efficient waterer for commercial poultrymen. It embodies the big, removable water trough of special rust-resisting ARMCO Ingot Iron. Holds 9 gallons of water and is easily cleaned and filled. Stands clear of the litter, allowing full use of entire floor area and eliminating fire danger. The trough is fully 4 ft. long, with eight feet of perches extending along sides. Hinged Wire Guard Top makes it roost-proof and prevents the contamination of water by droppings.

CAPACITY 9 GALLONS

Brower's 4 ft. Monarch Flock Waterer is a big, man-size piece of equipment. It is the big water supply for the big flock. Will take care of up to 150 hens. Eggs, you know, are 67 per cent water—so hens that suffer for want of water cannot possibly lay very many eggs. If you want anything like profitable egg production, be sure to supply your hens with plenty of pure, fresh water at the proper drinking temperature. Use Brower's Monarch Flock Waterer and watch for a big increase in egg production—often as much as 25 to 50%. Think of it! Only three extra eggs a month from each of 130 hens, (or 32-1/2 dozen eggs at 25c per dozen) will, in just one month, give you \$8.12 extra egg money—enough to more than pay the cost of a Brower Monarch Flock Waterer. Every poultry raiser needs this Waterer and will find it a profitable investment.



**BROWER'S
4-FOOT
FLOCK WATERER**



Ingot Iron

**Water
Trough**

Now Only

\$7.95

Lifetime Construction—Oil or Electric Heated

The Water Trough is made of rigid, 26 gauge, rust-resisting ARMCO Ingot Iron for long service, with smooth flanged edges at top. The ends are soldered water-tight. Size of Trough: Length 48 in.; width at center 9 in.; width at bottom 7 in.; depth 5 in. Drain plug in bottom makes trough easily cleaned. The hinged, Wire Grid Top is of rust-proof galvanized steel wire, electrically welded and provides eighteen 2-1/2 in. spaces on each side. The water Trough fits onto the especially designed Heat Circulator which extends the full length of trough. The heat is circulated under trough, from end to end, warming the entire bottom, and in this way keeps the water at correct drinking temperature. No danger of water freezing at trough ends in Brower's Monarch Flock Waterer, as is so often the case in other waterers where the heater box extends under only a part of the trough. Sturdy, angle iron legs well braced, are securely bolted to the Heat Circulator supporting the water trough. Trough may be lifted from stand when desired. Wood perches, 3 in. wide, extend along both sides, 18 in. above the floor and are securely bolted to the leg braces and cross supports, making the Waterer unusually rigid.

In the Oil Model, shown above, a large kerosene-burning Oil Lamp with one quart capacity oil bowl supplies all the heat needed to keep the water in trough at drinking temperature in zero weather. Oil lamp is enclosed in the all-metal heater box, attached to Heat Circulator—eliminating fire danger. The Electric Model comes equipped with a 110 volt, 60 watt Electric Heating Element enclosed in metal housing under trough (in place of the oil lamp) and is fitted with a 7 ft. length of rubber insulated cord.

No. 8A-4L9—Monarch Flock Waterer with oil lamp heater, price.....\$7.95
No. 8A-4E9—Monarch Flock Waterer with 110 volt Electric Heater..... 7.95

Above packed one in carton, wt. each 37 lbs. Shipped K. D.

No. 8A-416F—Float Valve, pipe connection and bracket attachment, to convert either of above Units into an Automatic Pressure Waterer. Price...\$1.65

All F. O. B. Quincy, Ill.

Brower's "Little Giant" Flock Feeder

For Pullets and Small Flocks of Hens



"THE BEST EVER USED,"
—says W. L. Anderson

Gentlemen: We have two Brower Flock Feeders, bought this year, and have found them to be the best feeders for feeding dry mash that we have ever used. They keep the feed so clean and waste less feed.
W. L. A.

A wonderful value for the price. Sturdily constructed throughout and especially designed to minimize feed waste. The feed Trough is made of heavy 28 gauge galvanized steel with a one-inch lip along both sides at top to prevent fowls from billing out and wasting the feed. The trough is made roost-proof by the hinged wire Grid Top of electrically welded galvanized steel wire, which also prevents the contamination of feed by droppings. Wire Guard provides eighteen 2-5/8 in. feeding spaces on each side. Trough is 4 ft. long, 7-1/2 inches wide and 4 inches deep; capacity 25 quarts.

Over-all Dimensions: Height 20 1/4 inches. Width 18 inches. Perches 14 inches above the floor. Trough is rigidly supported by the sturdy iron legs of heavy 18 gauge steel—well braced and securely bolted to trough.

Low in Price

No. 8A-425—Little Giant 4 Ft. Flock Feeder. Capacity 25 Quarts.
Packed one in a Carton, weight 14 lbs. Price each.....\$2.85
Mailable. F. O. B. Quincy, Ill.

BROWERS Provides a 100% AUTOMATIC WATER SUPPLY ANTI-DRY-VALVE



Brower's Improved Anti-Dry Valve provides a 100% automatic water supply. It attaches to any barrel, tank or other container, and also operates successfully on city pressure system. Positive in action—it keeps the water at a constant level in the drinking pan. The Valve is controlled by the nut at bottom and may be adjusted to fill the trough to any desired level. As the fowls drink, a fresh supply of water flows into the trough and valve closes automatically when trough is full.

This Valve is made entirely of brass and a hard freeze will not affect it. There are no parts to rust—no levers or floats. Attaches to any standard pipe line of 1/4-inch diameter or larger . . . and any number of valves can be fitted to the same pipe line and installed in various pens as shown in panel view below. The adjusting nut on end of Valve controls the flow of water, which may be increased or decreased instantly by turning the nut to right or left.

Freezing Will Not Injure It

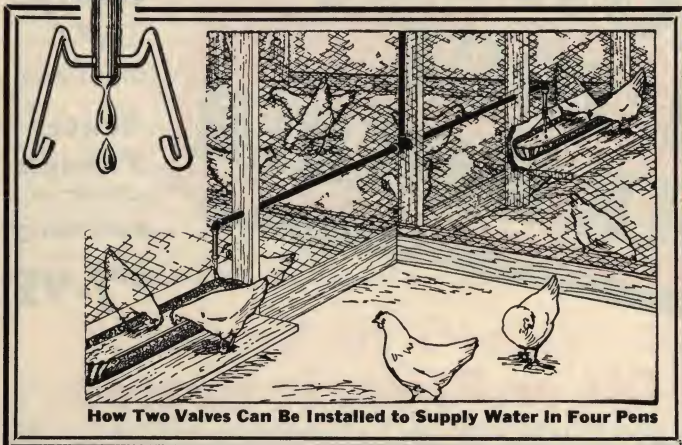
The spring action of the valve is governed by the weight of the water in pan. As the water supply is used, the weight is lessened and the valve automatically opens the water outlet. When trough is filled, Valve closes and shuts off the flow of water. When pan is removed for cleaning, the water supply is automatically shut off by spring. No adjustment necessary. Our Save-All Colony House Drinking Pans are especially recommended for use with this Valve, but any other pan can be used by placing it on a small platform and hooking onto valve.

Attach to Any Water Supply



No. 8A-203—Anti-Dry Fountain Valve, price each \$ 1.10
Dozen, weight 3 lbs., price 13.20

Postpaid in U. S. A.



How Two Valves Can Be Installed to Supply Water in Four Pens

Brower's "Save-All" Colony House Drinking Pans

These Pans are especially recommended for use with Brower's Anti-Dry Fountain Valve shown above. Stamped in one piece from heavy, galvanized iron, they have no soldered seams. Absolutely leak-proof.

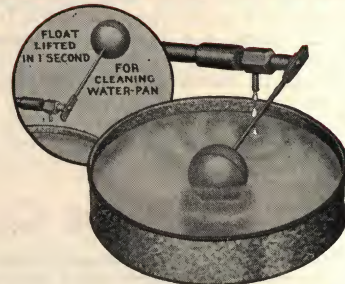


No.	Length	Depth	Width	Wt. Each	Each
8A-151	34 in.	2 3/4 in.	5 in.	3 lbs.	\$0.75
8A-152	45 in.	3 1/4 in.	4 1/4 in.	3 lbs.	.85

Mailable. F. O. B. Quincy, Ill.

Brower's Streamlined Float Valve

The most reliable Float Valve on the market. Made entirely of brass. No parts to rust or clog. 100% automatic in action. Controls water supply to the desired level, without waste. The rising surface of the water in pan causes float to automatically close the valve when water reaches the desired depth. As the water supply is used, the Valve opens and allows water to again enter pan. Fitted with 1/4-inch pipe connection, it can be used on any pipe line leading from a barrel, tank, or city supply. Works on high or low pressure. Solid bronze ball in valve. Pan or trough can be conveniently removed for cleaning by simply lifting up the float, as shown in illustration. When pan is replaced, simply lower valve to working position and it is ready for use—no adjustments necessary. Wt. per dozen, 6 lbs.



No. 8A-417—Float Valve. Price each, Postpaid in U.S.A. \$1.05

No. 8A-6170—Galvanized Water Pan only, as shown in illustration. Diameter 17 in. Depth 4 in. Capacity 15 qts. Wt. 3 lbs. Each \$0.85; Price per dozen \$9.90

Postage Extra.

BROWER'S FEED AND WATER CUPS FOR POULTRY COOPS



No. 924

Designed for use on exhibition Poultry Coops, Turkey Coops, Feeding Batteries, etc. Fine for use on home-built equipment, especially Hen Batteries. Easily and quickly attached. Lugs hook over wires of coop and hold cups rigidly in position.

No. 8A-924—Individual Water Cup, shown at left. Well-made of heavy galvanized steel. Very sanitary. Capacity 1 1/2 pints.

Price each, Postage extra. \$0.35
Dozen, weight, 9 lbs., price 4.05

No. 8A-842—Seamless Water Cup. A practical convenient and durable cup for Exhibition Coops. Drawn from one piece of heavy terne plate—a rust-resisting metal. No soldered seams. Furnished with lugs to fasten on coop. Illustrated at the right. Capacity about 1/2 pint.

Price each. \$0.20
Dozen, weight 3 lbs.; Price per dozen. 1.35
Postage extra.

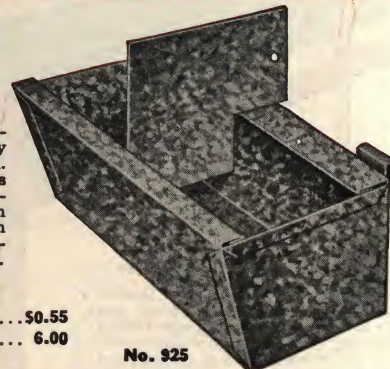


No. 842

Feed Trough

This Sanitary, no-waste design Feed Pan is substantially made of heavy galvanized steel. Divided into two compartments by a center partition, it is especially adapted to use on Hen Batteries. Lugs securely fasten it to the Battery. Large capacity. Made 10 in. long, 5 in. wide at top, 3 1/2 in. deep.

No. 8A-925—Feed Trough, wt. 2 lbs., each. \$0.55
Price per dozen 6.00
Postage Extra.



No. 925

Brower's Double Wall Fountain

for Chicks, Broilers and Pullets

A large capacity fountain of the popular two-piece style, for growing and grown birds. Can be used the year 'round. Outer can lifts off, making it convenient to clean the inner can. To fill, simply pour in the water or fill from faucet as illustrated. The water level is vacuum controlled. Drinking pan is tapered design, and made extra heavy with full curled edge. Affords a large amount of drinking space. The automatic self-closing Brass Spring Valve regulates flow of water. Absolutely trouble-proof. It shuts off the water when cover is removed. The locking device is an

exclusive feature. A slight turn of the cover engages the inner container and locks them together securely. The entire fountain is built of heavy galvanized iron with inner can soldered to drinking pan. Strong and rigid. Will last for years. Attractively trimmed in red enamel. Has roost-proof top and convenient handle for carrying.

The Sanitary Reversible Stand is extra. It is made with three sturdy steel legs, as shown in view opposite, and can be reversed so as to put the drinking pan at a lower level for small chicks.

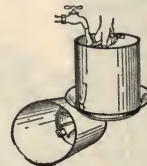
SELF-CLOSING
BRASS
SPRING
VALVE



Specifications and Prices

Number	Capacity	Wt. Each	Packed 3 in Carton	Price Each	Price Dozen
8A-2D2—Fount less Stand	2 Gal.	6 lbs.	15 lbs.	\$1.35	\$16.20
8A-2D3—Fount less Stand	3 Gal.	7 lbs.	19 lbs.	1.75	21.00
8A-187—Stand only, for above Fountains		2 lbs.	4 lbs.	.25	2.70

Mallable. F. O. B. Quincy, Ill.



EASY TO FILL

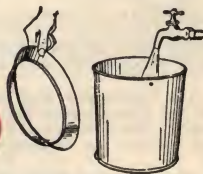


Stand Only, Dozen \$2.70

Brower's Non-Splash Chick and Broiler Fountain



An outstanding value in an inexpensive two-piece Fountain. The top lifts off and when reversed, forms a pail for easy cleaning and filling. Simply pour in the water or fill from faucet. The top fits palm when inverted and has a flat surface to rest on while filling. To restore to drinking position, simply replace drinking pan and reverse fountain. The pail and pan snap together on the glove fastener principle. No danger of overflow or splashing when turning.



Convenient to fill

Made of heavy galvanized iron for long service. The one-piece drinking pan has a smooth rolled edge—especially designed for small chicks, but also suitable for broilers and pullets. Sloping roost-proof top with convenient drop handle. Nicely finished with red enamel trim.

One Size—One Low Price

No.	Capacity	Wt. Each	6 in Carton	Each	Price 1/2 Doz.
8A-212	2 1/2 Gal.	5 lbs.	20 lbs.	\$1.05	\$6.30

Mallable. F. O. B. Quincy, Ill.



Brower's Adjustable Mason Jar Stand

This sanitary, Adjustable Stand fits 1 or 2 qt. size mason jar founts. Especially recommended for use with Brower's Mason Jar Founts shown opposite. It keeps the fount off the floor and out of the litter. Prevents chicks getting in pan and contaminating contents. Keeps water clean and protects jar against breakage. Sturdily built. Snaps on and off jar easily. Special design makes it possible to adjust Fount in Stand to any desired height—suitable for chicks of various ages. Holds drinking pan in rigid position.

The jar and pan are not included at the prices listed below.

Low in Price

No. 8A-186—Sanitary Adjustable Stand, 3 for.....	\$0.40
One dozen, weight 5 lbs., price per dozen.....	1.35

F. O. B. Quincy, Ill.

Brower's 5-Quart "Life-Saver" Chick Fountain

Here is a Fountain value that is really out of the ordinary. Substantially made of heavy galvanized iron. Full 5 quart capacity. Handy to fill, carry and clean. The pail and pan snap together on the glove fastener principle. Simply remove the pan, turn the fountain bottom up and fill it like an ordinary bucket. To restore to drinking position, replace the pan and invert fountain. No splashing. The one-piece tapered drinking pan has a smooth rolled edge—fine for baby chicks, broilers and pullets. Roost-proof top with drop-handle for easy carrying. Red enamel trim.



Sanitary and Convenient

No.	Capacity	Wt. Each	12 in Carton	Price Each	Dozen
8A-2C1G	5 Qt.	3 lbs.	27 lbs.	\$0.65	\$7.80

Mallable. F. O. B. Quincy, Ill.

Brower's Mason Jar Founts for Baby Chicks

Made to fit any standard Mason Jar. Three styles—Glass, Galvanized, and Enameled Finish. The Galvanized and Enameled Founts have a screw cap securely welded to pan. Will not break loose or rust out. The Glass Fount shown below is fitted with a strong spring clip into which the jar screws. The clip snaps over outer edge of saucer and is instantly removable for filling and cleaning. The wide opening in mouth of jar permits the feeding of clabber without clogging.



These Glass and Enameled Founts are especially recommended for feeding buttermilk or medicated water. Prices below do not include the jar.

Three Styles

No.	Finish	Weight Dozen	Number in Carton	Carton Weight	Price 3 For	Dozen Price	Gross Price
8A-0	Galvanized	4 lbs.	72	16 lbs.	\$0.25	\$0.85	\$ 9.60
8A-07	Enameled	4 lbs.	72	16 lbs.	.25	.85	9.60
8A-21M	Glass	11 lbs.	36	21 lbs.	.45	1.50	15.75

Mallable. F. O. B. Quincy, Ill.

BROWERS 2-YEAR GUARANTEED

OIL OR ELECTRIC HEATED Poultry Fountain

Brower Mfg. Co.
Please ship another 10-gal. Guaranteed Fountain at once. I already have one and consider it great—wisely made. It is by far the best fountain out.
Yours truly,
Meadowbrook Farm,
Wisconsin

AUTOMATIC
FLOAT VALVE

REMOVABLE
WATER PAN

Note the strong, rigid lamp base and stand which support the fountain.

Rated Hen Capacity:
10-Gallon Size for 150 hens;
5-Gallon Size for 75 hens.

Fountain parts hand dipped in pure molten zinc. Absolutely rust-proof.

Brower's New Guaranteed Fountain is built to provide your hens with an abundance of pure, fresh water . . . the kind that will make them shell out the eggs. Positively the handiest and most sanitary fountain ever built. The water pan is instantly removable and can be cleaned as easily as any dish or pan. The water tank is as conveniently handled as an ordinary bucket. To fill, simply remove the roost-proof top and pour in the water, or fill under faucet. The water feeds into the drinking pan just as fresh as the supply. If you want to remove fountain from pan, there is the big heavy bail to carry it and when fountain is lifted from pan for any purpose, the Automatic Float Valve immediately shuts off the flow of water. The Float Valve is fully automatic in action. Made of solid brass, it is freeze-proof. The rigid steel stand with its large wood platform provides plenty of perching space and accommodates many fowls at a time.

Six Brower Features of Superiority

1. It is easy to fill and clean, and as convenient to carry as an ordinary bucket. 100% accessible and absolutely trouble free. Nothing to wear out or give trouble.
2. Very Sanitary. Both the Water Tank and Water Pan are instantly removable and easily cleaned. The removable, sloping cover prevents fowls roosting on top.
3. The solid Brass Float Valve automatically shuts off the flow when water reaches proper level in drinking pan. Closes the water outlet when fountain is lifted from pan. Entirely automatic in action. All brass. Freezing will not injure it.
4. Extra large kerosene-burning lamp supplied in oil heated model. Burns for days on one filling. Electric model fitted with a 75 watt, 110 volt Guaranteed Electric Heating Element, 8 ft. Cord and connection (in place of oil lamp).
5. The heater base may be used as a stand in summer. In winter, the heater warms the water to the right temperature for the fowls. The metal stand with wood platform keeps the heater base off the floor and eliminates fire danger. Absolutely safe.
6. Superior design and construction make it the world's biggest fountain value. Built of heavy gauge metal, deeply corrugated, and hand dipped in Pure Molten Zinc. This is positive treatment against leakage. Guaranteed for two years against imperfections in material and workmanship. Will last for years.

The World's Best Fountain Buy

Fountain with Heater and Stand

Complete as shown in view directly above.

No.	Heater	Capacity	Weight Each	Price Each
8A-50LS	Lamp	5 Gal.	29 lbs.	\$7.50
8A-50ES	Electric	5 Gal.	29 lbs.	8.00
8A-100LS	Lamp	10 Gal.	35 lbs.	8.70
8A-100ES	Electric	10 Gal.	35 lbs.	9.20

Fountain with Heater Base

Without the Stand.

No.	Heater	Capacity	Weight Each	Price Each
8A-50L	Lamp	5 Gal.	18 lbs.	\$5.55
8A-50E	Electric	5 Gal.	18 lbs.	6.00
8A-100L	Lamp	10 Gal.	24 lbs.	6.75
8A-100E	Electric	10 Gal.	24 lbs.	7.25

Fountain Only

Without Heater Base and Without Stand.

No.	Capacity	Weight Each	Price Each
8A-50F	5 Gal.	12 lbs.	\$3.45
8A-100F	10 Gal.	17 lbs.	4.50

Above Fountains Packed one in Carton. All F. O. B. Quincy, Illinois

Brower's Lamp Fountain Heater



May be used with any flat bottom fountain up to 10-gallon size. Also fine for small brooders. Has kerosene-burning oil lamp with powerful burner, large capacity oil bowl and wick. Lamp completely protected—perfectly safe. Convenient door opening. Diameter 12 in. Height 8 in. Weight 7 lbs.

No. 8A-440—Lamp Fountain Heater,
price each. \$2.55
Postage Extra.

Brower's Electric Fountain Heater

Approved by Poultry Tribune Experimental Farm. Suitable for use with almost any fountain. Has a 60 watt guaranteed Brower electric heating element. Comes complete with 8-ft. cord and connection. For 110 volt alternating current only. Diameter 12 in. Height 8 in.

No. 8A-13—Electric Fountain Heater,
complete as shown, wt. 3½ lbs.
Price each. \$2.70
Postage Extra.



BROWERS Automatic Double-Wall Top Fill Poultry Fountain

A Fountain for Year-'Round Use

Superior construction, advanced design and low price make this Fountain a superb value. Entire Fountain is constructed of heavy gauge galvanized steel, double seamed and soldered. Nothing to wear out. Sturdily built for years of service. It will stand up under the hardest usage. Easy to clean and fill. Made with two air-lock cans. The outer can slips off easily which permits filling inner can from the top. The inner can is provided with a convenient handle for carrying. The all-Brass, Automatic Spring Valve closes water outlet when the outer can is removed and holds water in fountain until the outer can is replaced. This releases the Valve and reopens water outlet. Water will not overflow or splash. Water level in drinking pan is vacuum controlled. The drinking pan is a one-piece die stamping made 15-1/2 inches in diameter and 2 inches deep, with smooth, turned edge. The inner can is securely soldered to the drinking pan. Roost-proof top on outer can prevents fowls perching on top and contaminating drinking water with droppings.

Oil or Electric Heater Furnished

The Oil Heated Model is arranged with a large Heater Base as shown, which safely houses the kerosene-burning oil lamp. It will keep the water from freezing in severe winter weather. Oil tank is separate and is of generous size to give prolonged service between fillings. It occupies the full diameter of heater base, and holds a 3 to 4 weeks' supply of oil in one filling. Fitted with powerful lamp burner. Large door opening for convenient attention to lamp.

The Electric Model comes with a dependable Electric heater in place of the oil lamp. Heater consists of a 60 watt Guaranteed Electric Heating Element, 8 ft. cord and connection for 110 volt alternating current. Both models furnished either with or without the Stand, shown at the right. Stand is of heavy galvanized steel with wood perches 16 inches above floor. Allows full advantage of floor space; also prevents litter being scratched into water and discourages vent picking.

Popular Vacuum Type

EXTRA LARGE OIL CONTAINER



\$2.45
5 Gal. Size
Less Heater and Stand

Hen Capacity
5 Gal. for up to 75 Hens
8 Gal. for up to 120 Hens

High Quality Construction—Low Price

Fountain Only Without Heater Base and Stand.				Fountain with Heater Base but Without the Stand				Fountain with Heater Base and Stand Complete as shown in view above.				
No.	Capacity	Weight Each	Price	No.	Heater	Capacity	Weight Each	No.	Heater	Capacity	Weight Each	Price
8A-59	5 Gal.	10 lbs.	\$2.45	8A-59L	Lamp	5 Gal.	17 lbs.	8A-59LS	Lamp	5 Gal.	23 lbs.	\$6.25
8A-89	8 Gal.	13 lbs.	3.35	8A-59E	Electric	5 Gal.	17 lbs.	8A-59ES	Electric	5 Gal.	23 lbs.	6.25
Packed one in a Carton.				8A-89L	Lamp	8 Gal.	21 lbs.	8A-89LS	Lamp	8 Gal.	28 lbs.	7.15
				8A-89E	Electric	8 Gal.	21 lbs.	8A-89ES	Electric	8 Gal.	28 lbs.	7.15

Above Fountains all packed one in Carton. Mailable. F. O. B. Quincy, Ill.

Brower's NEVER-FAIL Automatic Float Valve Fountain

Oil and Electric Heated Models

Its big capacity, large amount of drinking space and sanitary features make instant appeal. Built throughout of heavy galvanized steel, with the water tank and drinking pan of 26 gauge metal to assure long life. All parts are removable for easy cleaning. The water tank, drinking pan and oil tank—all are made separate as shown in the illustration at the right, making the Fountain very sanitary and easy to clean. Fills from the top like any ordinary bucket. Has a Roost-proof lid and a convenient handle for ease in carrying. The drinking pan is in one piece, die stamped, made 15-1/2 inches in diameter and 2 inches deep. No rough edges. The trouble-proof Automatic Float Valve controls the water to proper level in drinking pan. It is made of solid brass and freezing will not injure it.

The Oil Model is fitted with a large kerosene-burning Oil Lamp in the all-metal heater base. Oil tank serves as the bottom for the heater base and holds enough oil to last three to four weeks on one filling. Electric Heated Model is furnished with a 60 watt Electric Heating Element, 8 ft. cord, and connection for 110 volt alternating current. Both the oil and electric heated Fountains can be had either with or without the Stand shown at left. Stand is made rigid with heavy galvanized steel legs and cross braces and wide wood perches, 16 inches high.

Fountain Only

Without Heater and Without Stand

No. 8A-56—Fountain, 5 Gal. size. Weight 10 lbs. Price each. \$2.60
No. 8A-86—Fountain, 8 Gal. size. Weight 12 lbs. Price each. 3.25



Sectional View



Fountain with Heater Base but Without Stand					Fountain with Heater Base and Stand Complete as Shown in View at the Left				
No.	Type	Size	Weight	Price	No.	Type	Size	Weight	Price
8A-56L	Lamp	5 Gal.	18 lbs.	\$4.40	8A-56LS	Lamp	5 Gal.	25 lbs.	\$6.30
8A-56E	Electric	5 Gal.	18 lbs.	4.40	8A-56ES	Electric	5 Gal.	25 lbs.	6.30
8A-86L	Lamp	8 Gal.	20 lbs.	5.20	8A-86LS	Lamp	8 Gal.	27 lbs.	7.10
8A-86E	Electric	8 Gal.	20 lbs.	5.20	8A-86ES	Electric	8 Gal.	27 lbs.	7.10

All Packed one in Carton. Mailable. F. O. B. Quincy, Ill.

Brower's 3-Wall Automatic Top-Fill Cleanable Thermo Fountain



Efficient—Sanitary—Convenient. It embodies the latest developments in Thermos Fountain building. Built for year-round use. Works on the principle of a thermos bottle. Keeps water warm in winter—cool in summer. Will not freeze in poultry house day or night.

Substantial 3-wall construction. The outer can is double walled, with dead air space between and well insulated. This fountain is equipped with a reliable, frost-proof, all brass, automatic Valve. As the water rises to the proper level in the drinking pan, the valve automatically shuts off the flow of water. No danger of drinking pan overflowing. The outer can protects valve. Convenient to use—simply remove the outer can to clean the fountain and pour in the water. Inner can is provided with a handle for easy carrying. The outside cover can has sloping, roost-proof top preventing fowls perching on fountain and contaminating drinking water.

Fills right side up. Note detail of wall construction.



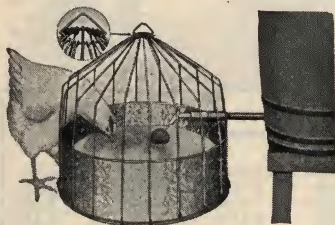
One Size—Low in Price

No. 8A-566—Brower's Top-Fill Thermo Fountain.

Capacity 5 gallons. Packed one in carton, weight 20 lbs. Price each.....\$4.95

F. O. B. Quincy, Ill.

Brower's Utility Feed and Water Pans with Sanitary Wire Guards



Used with Brower's Streamlined Float Valve described on page 68, they make an efficient and economical Automatic Watering System as illustrated in the view above.

Brower's Utility Pan, fitted with the Sanitary Wire Guard as shown here, makes a very satisfactory feeding or watering device. Furnished in two sizes. The Pans are made of heavy galvanized steel with straight sides, and are guaranteed water-tight. The Roost-Proof Guards are made unusually rigid of heavy galvanized wire with a convenient wire loop handle on top. The view at the left shows how an ideal gravity system can be made, using Brower's Streamlined Float Valve with the Utility Pan and Sanitary Guard—having an ordinary barrel for the water supply. Or valve may be connected to city pressure system.

No. 8A-6121 Feeder or Waterer. Consists of the 5-1/2 qt. Pan fitted with 12-1/2-in. Wire Guard, as shown at right. Ht. 13-1/2 in. Wt. 4 lbs. Price.....\$1.10

No. 8A-6171 Feeder or Waterer. Consists of the 15 qt. Pan fitted with 17 in. Wire Guard, as shown at right. Ht. 15 in. Wt. 5 lbs. Price.... 1.40

F. O. B. Quincy, Ill.

No. 8A-417 Streamlined Float Valve. Postpaid in U.S.A..... 1.05

ROOST PROOF



WIRE GUARDS — For Crocks, Pans and Buckets

No.	Dia.	Height	Size of Spacings	Number Spaces	Wt. Each	Wt. Doz.	Price Each	Price Dozen
8A-612	12 1/2 in.	13 1/2 in.	1-5/8 in.	21	2 lbs.	20 lbs.	\$0.55	\$6.60
8A-617	17 in.	15 in.	2-1/2 in.	20	3 lbs.	23 lbs.	.60	6.60

F. O. B. Quincy, Ill.

PANS ONLY—For Feed or Water

No.	Capacity	Dia.	Depth	Wt. Each	Wt. Doz.	Price Each	Price Dozen
8A-6120	5 1/2 qt.	11 1/2 in.	4 in.	2 lbs.	21 lbs.	\$0.60	\$6.90
8A-6170	15 qt.	17 in.	4 in.	3 lbs.	38 lbs.	.85	9.90

F. O. B. Quincy, Ill.

Brower's All Wire Egg Cooling Basket ALSO USED FOR FRESH FRUITS AND VEGETABLES

Solves the problem of cooling eggs quickly. Allows free circulation of air around each egg. The best Egg Basket ever made. Unusually rigid. Built of extra bright galvanized steel wire . . . electrically welded at 144 points. Absolutely rustproof. It positively will not mark or discolor eggs. Basket is shaped to prevent breakage of eggs. Has a heavy, one-piece extension base to prevent tipping . . . wide openings to allow greater circulation of air from the bottom. Smooth at every point—will not check or crack eggs. Card holder to record date and other information.

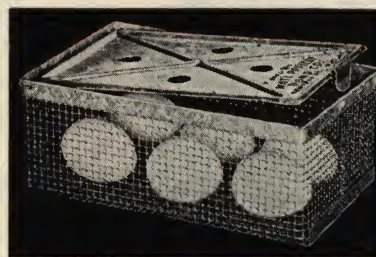
CAPACITY: 15 dozen 24-ounce eggs. Height 10 in. Diameter: At top 14 in.; At Base 9-1/2 in. Weight 3 lbs.

No. 8A-234R—Wire Egg Basket, each. \$0.85
Price per half-dozen..... 4.95
Price per dozen..... 9.75

Prepaid in U. S. A.



Brower's Pedigree Egg Basket



Used to determine the exact parentage of baby chicks. Assures absolute protection against mixing eggs or chicks. Fits in any standard incubator. Well-made of heavy galvanized hardware cloth—with ventilated, hinged metal lid. Strong, durable and easily cleaned. Size

8-1/4x5-3/8x3-3/8 in. high. Capacity 6 to 8 eggs. Approved by Poultry Tribune Experimental Farm.

No. 8A-232—Egg Basket, in lots of 1 to 6, price each.....\$0.85

In lots of 6 to 12, price each..... .70

Dozen lot, wt. 10 lbs., price per dozen..... 6.60

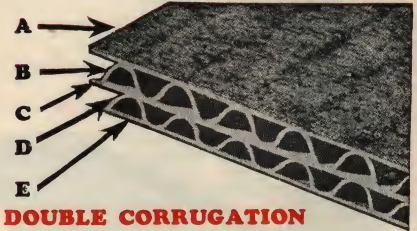
F. O. B. Quincy, Ill.

Brower's FIBRESEAL Wall Board

For Brooder and Laying Houses, Garages, Attics, Work Shops, Storerooms, Etc.

Fibreseal is the better insulating board that seals your Poultry buildings from the icy blasts of winter and against the heat in summer. Stops drafts and makes the house comfortable for the hens and chicks. Pays big dividends. It has been demonstrated that, when used in hatcheries and brooder houses, it results in a larger hatch and assures a larger number of strong, vigorous chicks ready for the market at an earlier date. In laying houses, it plays an important part in keeping up egg production throughout the winter when prices are highest, and preventing undue loss from sickness. Fibreseal tends to keep temperature uniform. A few extra eggs from each hen will pay for insulating with Fibreseal.

Fibreseal also makes an excellent wall board for Shops, Garages, Sun-rooms, Attics, etc. The seams may be covered and the surface painted or papered to make an attractive, finished job. Fibreseal is built of three heavy fibre walls with corrugated boards between. This construction forms a dead air space which is an excellent nonconductor of heat and cold.



DOUBLE CORRUGATION

TRIPLE WALL CONSTRUCTION

Fibreseal is built of three heavy fibre walls—A, C, and E, in above illustration. Between these walls are the two corrugated boards B and D... forming long chambers of dead air space... excellent nonconductors of heat and cold. Resistance strength, 400 lbs. per square inch.

It Pays to Insulate with Fibreseal

The surest way to eliminate drafts in the poultry house is to insulate. The experience of one Missouri poultryman is interesting. For him, 400 pullets in an insulated house averaged 180 eggs per hen, while those in an uninsulated house averaged only 160 eggs per hen. "Twenty eggs more per hen and the cost of insulating was less than half the additional amount earned by the hens in the insulated house," he says. This same poultryman has tried insulated and non-

insulated brooder houses. He says insulation will pay for itself in three years in reduced fuel costs alone. He also reduced feed costs and cut the death rate from 10 to 5 per cent by insulating the houses. It pays to insulate with Fibreseal.

No. 8A-4860—Brower's Fibreseal Wall Board in 4x6 ft. sheets Packed five sheets to a bundle, weight per bundle 40 lbs. Price per bundle...\$3.50

F. O. B. Quincy, Ill.

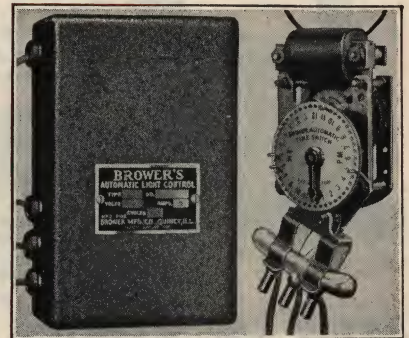
Brower's Automatic Electric Time Switch — Only \$14.75

For Poultry Houses, Battery Rooms, Hatcheries, Stores, Show Windows, Electric Signs, Etc.

Adaptable to every purpose where the automatic turning on and off of electric current is desired at a predetermined time—but especially recommended for use in Poultry Houses. It brings the lights up from dim to bright and puts them out, like twilight fades into night—automatically, at any time desired. Simple in construction. No resistances to burn out or get hot, making it practically trouble-proof. Its tested and approved electric clock requires no winding. The switches are mercury to mercury contact, inclosed in pyrex glass and assure a high quality switch performance, eliminating fire hazards and frequent contact failures. It will perform any practical number of operations in the 24 hours and is designed so that lights may be turned on and off automatically, either with or without the "dim" periods. Its time periods are easy to change. Reliable records show that an efficient lighting system will increase egg production 35 to 50% during the fall and winter months. Modernize your poultry house with this new Light Control. It will quickly pay for itself, through increased egg production. Can be installed at any point in wiring system, for one or more buildings. Diagram and full directions for wiring are furnished. Switch is fully guaranteed.

No. 8A-148—Electric Time Switch. Capacity 12 amperes (1320 watts) on 110 volt, 60 cycle A. C., in either single or double pole. Weight 2 lbs. Price each...\$14.75

Postage extra.



Genuine Glass Cloth

DOPLEX—the Perfect Substitute for Glass



EASY TO PUT UP

Glass Cloth readily transmits the vitalizing, ultra-violet, health rays of the sun. Used in poultry houses, it means less chick losses and increased egg production. Also suitable for scratch sheds, hot beds, sleeping porches, storm doors, etc. Glass Cloth is the strongest material of its kind in the world. Treated by a patent process to make it transparent, weatherproof and water-proof. Costs much less than glass and for many purposes is superior. It admits abundant light which diffuses and scatters to all parts of the enclosure. Comes in rolls 36 inches wide—any length. A 45 ft. roll will cover scratch shed 9x15 ft. and a 150 ft. roll will cover shed 50x15 ft. Weight of 150 ft. roll 26 lbs. Mailable.

Catalog No. 8A-344

Length	Width	Contains	Price per Roll
15 ft. roll	36 inches	5 sq. yards	\$ 1.65
30 ft. roll	36 inches	10 sq. yards	3.00
45 ft. roll	36 inches	15 sq. yards	4.40
150 ft. roll	36 inches	50 sq. yards	14.50
300 ft. roll	36 inches	100 sq. yards	28.00

F. O. B. Quincy, Ill.



Doplex Is Very Transparent

Admits the Ultra-Violet Rays

DOPLEX permits more ultra-violet light to pass through than does any other material produced for the same service. These health-giving rays of the sun promote the growth of chickens, turkeys, etc., also all animal and plant life. DOPLEX is made from two continuous sheets of transparent cellulose acetate, cemented and pressed tightly together with a reinforcing mesh of strong, cotton cord between. It provides ample protection against cold and dampness. It is light, flexible, long-lasting, easy to handle and cuts with ordinary shears. It is water-proof—will not wear out under long exposure to moisture and to ordinary sunlight.

One customer writes: "We are one of the largest producers of Giant Bronze Turkeys in Ohio. Using no glass, the records show that out of every 100 turkeys, 32 per cent had developed rickets to some degree. By installing common window glass, rickets were reduced to approximately 26 per cent. At present all regular glass has been removed and DOPLEX Glass Substitute installed, and rickets have been reduced to less than two per cent."

Catalog No. 8A-347

Length	Width	Shipping Weight	Price per Roll
10 ft. roll	36 inches	2 lbs. per roll	\$ 2.25
25 ft. roll	36 inches	4 lbs. per roll	5.25
50 ft. roll	36 inches	7 lbs. per roll	10.00
100 ft. roll	36 inches	11 lbs. per roll	19.60

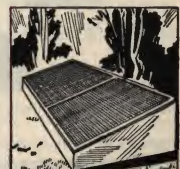
Sold only in Roll Lots. F. O. B. Quincy, Ill.



For Poultry Houses



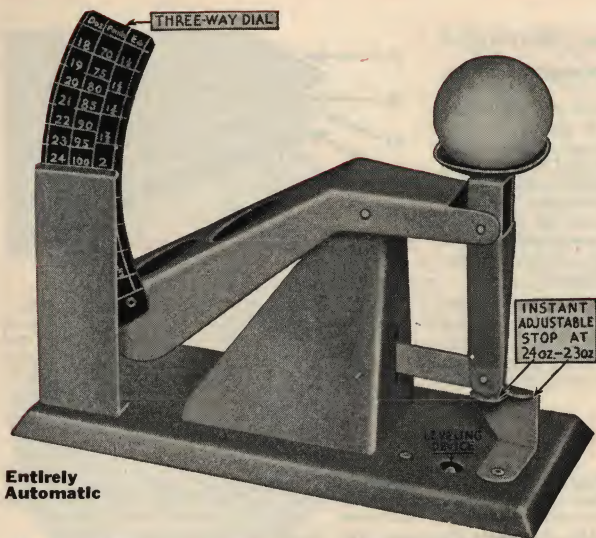
For Sun Porches



For Plant Sash

Send 10c for a sample of each Fibreseal, Glass Cloth and Doplex

Brower's "DeLuxe" Egg Scale



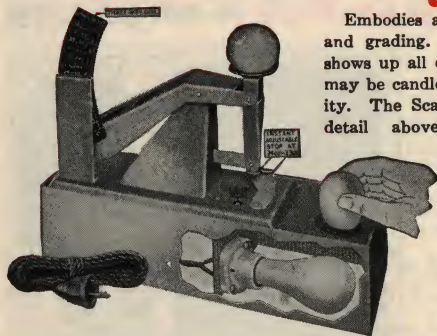
Accurate—Dependable—Everlasting

Eggs to command highest prices must be weighed and graded. In many States, eggs weighing less than 23 oz. per dozen are designated as "Pullet Eggs" or some such name to indicate their size and draw a penalty of several cents per dozen. Most dealers grade eggs according to grading rules and pay prices accordingly, so it is very costly to the producer to sell mixed eggs. Moreover, most all hatcheries require eggs weighing 23 oz. or more for hatching purposes. Brower's DeLuxe is the fastest weighing Egg Scale on the market. Its polished brass bearings mean extreme accuracy. No springs or levers to get out of alignment. The Triple-Duty Dial shows instantly the weight per dozen, the individual weight in ounces, and also the grade by the point system which is being used by many leading Egg Laying Contests. Weighs eggs from 18 to 30 oz. per dozen and from 1-1/2 to 2-1/2 oz. per egg. The 2-Way Instant Adjustable Stop for eggs weighing 23 oz. or more is a great time-saver. The ball-leveling device indicates when Scale is set level, which is absolutely necessary to insure accurate weighing with any scale. Large egg cup avoids breakage of eggs. This Scale approved by Poultry Tribune Experimental Farm.

Sold on a Money-Back Guarantee

No. 8A-579—DeLuxe Egg Scale. Made of heavy steel plate, attractively finished. Size 3 1/2 x 8 1/2 in., 6 in. high. Packed one in Carton, wt. 2 lbs. Price each.....\$1.35
Postpaid in U. S. A.

Brower's "Double Duty" Egg Scale and Candler



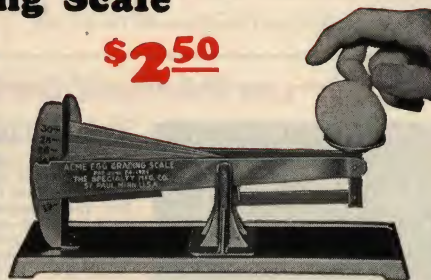
Embodies all the essential features for rapid candling and grading. Saves time and labor. Candling feature shows up all eggs clearly, regardless of shell color. Eggs may be candled for freshness, bloodspots, cracks, or fertility. The Scale is our DELUXE MODEL described in detail above. Well made throughout. Attractively finished. Comes complete as shown with light bulb, 8 ft. cord and plug. For 110 voltage. Fully Guaranteed.

Postpaid in U. S. A.

No. 8A-685—Double Duty Egg Scale and Candler. Weight each 3 lbs.
East of Rocky Mts.....\$2.50
West of Rocky Mts.....2.75

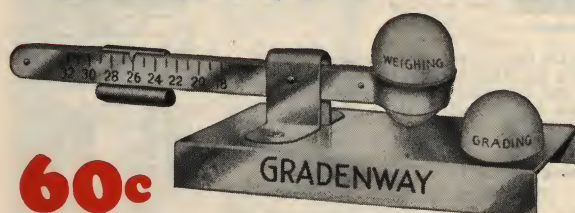
Acme Egg Grading Scale

Used by more than 100 State Institutions; officially adopted as the standard scale in many sections of the United States. In use all over the world. Simply place egg in cup on beam—scale automatically adjusts itself and shows weight in ounces of one dozen like eggs. Used by U. S. Government specialists to establish standard grade. Wt. 2 lbs.



No. 8A-128—Adapted to A.P.A. requirements. Grades 16-18-20-22-23-24-26-28-30 oz.....\$2.50
No. 8A-228—Adapted to the Pacific Coast. Grades 18-19-20-21-22-23-24-25-26 oz.....2.50
No. 8A-229—California Special. This style grades 16-18-20-22-23-24-25-26 oz.....2.50
No. 8A-328A—Adapted to the Atlantic Coast. Grades 19-20-21-22-23-24-26-28-30 oz.....2.50
All Prepaid in U. S. A.

Brower's 2-in-1 Gradenway Scale



Grades and weighs eggs instantly. Saves time and labor. Grading hole is the accepted size now being used by leading produce buyers and hatcherymen. Weighs eggs from 18 to 32 oz. per dozen. Simple in design, accurate and convenient in operation, durably built of steel and attractively finished. No

springs to get out of order or give trouble. Approved by Poultry Tribune Experimental Farm.
No. 8A-588—Gradenway Scale. Price each, prepaid in U. S. A.....\$ 0.60
Dozen, wt. 7 lbs. Price F. O. B. Quincy, Illinois, per dozen.....5.25
Gross lots F. O. B. Quincy, Illinois. Price per gross.....60.00

Brower's Clear-View Egg Candler

This is a powerful quick-action Egg Candler or Tester. So constructed that it instantly shows all defects in eggs. The powerful ray of light shows through the entire egg. Very simple to use. Can be attached to any light socket. State voltage when ordering.



No. 8A-411—Candler complete with 6 ft. cord, socket and bulb for 110 voltage. Wt. 2 lbs. Each\$1.45

No. 8A-433—Candler, same as above, for 32 or 220 voltage. Price each.....\$1.65
Extra Bulbs. State voltage. Price each......35
All Postpaid in U. S. A.

Brower's X-Ray Egg Tester



Approved by Poultry Tribune Experimental Farm.

Postpaid in U. S. A.

This portable Tester is moved over the eggs. Saves time and labor. Powerful light immediately reveals germs as well as nerves and veins in early stage of incubation. Satisfaction guaranteed. Wt. each 2 lbs.

No. 8A-410—Tester complete with 6 ft. cord and bulb, for 110 voltage. Price each.....\$2.15
No. 8A-432—Tester, same as above, for 32 or 220 volt current. Price each.....2.35
Extra Bulbs. State voltage. Price each......35
All Postpaid in U. S. A.

Use Poultry Leg and Wing Bands and You Can Keep an Accurate Record of All Chicks and Fowls

They are used throughout the country by thousands of Farmers, Poultry Farms, Egg Laying Contests and Experiment Stations. For trapnesting hens, there is nothing better than first-class Leg Bands. Fine for use for Poultry Shows, Bacillary White Diarrhea Tests, and for distinguishing strains and breeds of fowls; also fine for keeping number records of Trees, Plants and Flowers. All Bands and Sealers are Prepaid in U. S. A. at catalog prices.



Spiral Leg Bands

Made of the best quality heavy round colored celluloid rod, with full one-half lap. Packed in bundles of 50 of one color and size—no bundles broken. Specify breed and sex when ordering. Colors: White, Blue, Yellow, Red, Green.



Size	No. 8A-398N	50	100	300	500	1000	2000
4—Baby Chicks	\$0.20	\$0.35	\$1.00	\$1.45	\$2.40	\$ 4.60
6—Growing Chicks and Medium Pigeons25	.45	1.25	2.00	3.50	6.50
8—Leghorns and Anconas30	.55	1.50	2.20	3.80	7.25
11—Rocks, Reds, etc.35	.60	1.60	2.40	4.40	8.40
12—Orpingtons, etc.40	.70	2.00	3.00	5.50	10.50
14—Large males, Geese, Turkey Hens55	1.00	2.70	4.00	7.50	14.50

Prepaid in U. S. A.

Bandettes with Numbers

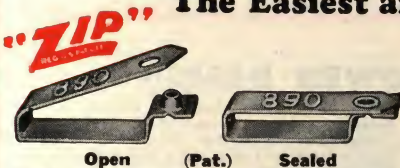
Colored Celluloid Leg Bands with indestructible double numbers. Numbered consecutively and packed in sets of 25. We do not break sets. Made in five colors: Blue, Red, Yellow, Green and White. Specify size and color when ordering. Catalog No. 8A-394.



Size	25	50	100	500	1000
4 Baby Chicks and Small Pigeons	\$0.35	\$0.65	\$1.20	\$5.25	\$10.00
9 Leghorn, Ancona, Campine Hens . . . . .	.60	1.00	1.80	8.50	16.50
11 Rock-Red-Wyandotte Hens; Leghorn Cocks . . . . .	.60	1.00	1.80	8.50	16.50
12 Rock, Red Cocks; Turkey Hens; Geese . . . . .	.60	1.00	1.80	8.50	16.50

Prepaid in U. S. A.

The Easiest and Fastest Wing Band to Apply



No extra operation piercing the wing... no shaping the band. Just insert, seal, and band is permanently applied. A real time-saver. Can be safely applied on day-old chicks. Made of pure aluminum, 3/16-in. wide. Strong tubular rivet. Numbered as high as desired and sold only in even hundred sizes, 1 to 100, 101 to 200, etc.—no series broken.

No. 8A-890N—Zip Wing Bands. Prices, 100 for \$1.25; 300 for \$3.40; 500 for \$5.00; 1000 for \$9.00; 2000 for \$17.50.

No. 8A-890S—Pliers for sealing Zip Wing Bands, price.....\$1.25
All Prepaid in U. S. A.

The Perfection Egg Grader Grades 3 to 6 Cases of Eggs per Hour



Grade your eggs this easy, automatic way, and secure the extra premiums paid for graded eggs—profits ranging from 2 to 5c per dozen. The fastest, most accurate Egg Grader ever offered at such a low price. Grades 3 to 6 cases per hour. Automatically separates eggs into any four grades desired. Meets all State grading laws. Adopted by leading Agricultural Colleges. No electricity required. No adjustments to make after you once set the balance weights. Molded rubber tray, size 13x24 inches, offers complete protection against breakage of eggs.

A great time-saver and money-maker. Assures a uniform pack. Quickly pays for itself. Actual tests have shown that it will grade 36 eggs a minute... 6 cases per hour. So simple a child can operate it. Just place the eggs on the feeder—the Grader weighs them automatically. Portable. Easily handled. Weighs only 12 lbs.

No. 8A-585—Perfection Egg Grader. Price each.....\$12.00
F. O. B. Quincy, Ill.

Brower's Association Adjustable Seal Leg Band



One of the most popular Leg Bands for identifying Certified and Accredited flocks. A good band for show purposes. One size is adjustable to fit all breeds except the large male birds and turkeys. Made of heavy, pure aluminum in 3/8-inch width, with smooth edges. Strong lead rivet. Large clear embossed numbers. Furnished only in unbroken sets, numbered 1 to 25, 26 to 50, 51 to 75, 76 to 100—and in even hundred series, numbered 1 to 100, 101 to 200, etc. No series broken. Prices include numbering. Bands can be stamped on special order, with name, initials or special wording at an extra charge as explained below. All Prepaid in U. S. A.

No. 8A-397—Seal Leg Band	25 Bands	100 Bands	300 Bands	500 Bands	1000 Bands
.....	\$0.45	\$1.10	\$3.15	\$5.00	\$9.00

Special Pliers for sealing the above bands are illustrated and priced below.

SPECIAL STAMPING

Special stamped bands serve as an excellent means of advertising; also protect against fraud and theft. The adjustable Seal Bands above can be had with any desired special stamping (in addition to numbers) at the following extra charges:

	100 Bands	500 Bands	1000 Bands
For stamping name and address in 2 or 3 lines, extra charge.....	\$0.75	\$1.15	\$1.65
For stamping two or three initials.....	.15	.60	1.00

FREE—Stamping of Initials is free on an order for 5000 Bands or more.

Brower's Sealing Pliers

The Sealer shown is the regular Poultry Band size, for sealing lead rivet bands, particularly Brower's Association Adjustable Seal Bands. Furnished with plain jaw, or with a single letter on jaw which embosses letter on the seal.

No. 8A-380—Plain Jaw Sealer.....\$1.00
No. 8A-381—Lettered Jaw Sealer.....1.10

No. 381



Brower's Adjustable Aluminum Poultry Leg Band



A popular, inexpensive Leg Band, for trapnesting, blood-testing and culling. Adjustable for Leghorns, Rocks, Reds—in fact, it fits all breeds except the large cock birds and turkeys. Made of aluminum, 1/2-inch width. Secure tongue and slot fastener. Large, clear embossed numbers. Numbered as high as desired and sold only in even hundred series, 1 to 100, 101 to 200, etc.—no series broken.

No. 8A-15N—Adjustable Aluminum Band	100 Bands	300 Bands	500 Bands	1000 Bands
.....	\$0.60	\$1.50	\$2.40	\$4.25

Prepaid in U. S. A.

The Ideal Baby Chick Toe Punch

Scissors type. Works easily. Cuts a clean, round hole without bruising the foot. Made of nickel plated steel. Length 3-1/2 inches. Prepaid in U. S. A.

No. 8A-39X—Toe Punch, each.....\$0.35
Dozen, wt. 12 oz., price.....4.20



Brower's Standard Baby Chick Toe Punch



For marking baby chicks by punching hole in web between the toes. Prepaid in U. S. A.

No. 8A-33X—Toe Punch, price each.....\$0.15
Per Dozen, wt. 5 oz., price.....1.65

All Bands and Sealers Prepaid in U. S. A. at catalog prices.



View 1

TRAPNESTING IS A PAYING PROPOSITION

Modern breeders continually improve the laying ability of their flocks by weeding out the poor layers and only setting eggs from the heaviest layers. Poultrymen, who are in the game to make money, adopt the same practice. There are no "ifs" and "ands" about it. Your profits will increase or decrease according to the productivity of your layers. Get positive, first-hand information about your hens with Brower's DeLuxe Trapnest. More room for nesting material, more ventilation, more efficiency of the trap and no sharp edges to injure the birds or hands of the caretaker, are among the features incorporated in Brower's DeLuxe Trapnest. We challenge the world to equal it in quality, construction and service.

Brower's Improved Convertible Trapdoor makes trapping positive and insures accurate records. It is now provided with a simple, convenient catch on the small door which acts as a positive, self-locking device when trapping. It is perfectly balanced. No springs or triggers to bind or cause trouble. When a hen enters nest, the trapdoor automatically closes and locks itself, making it impossible for her to escape or another hen to enter. In View 1, the first nest in top tier shows trapdoor closed. When hen is released, the door automatically sets itself—ready for the next hen to enter—as shown on second nest in same view.

A system of "short period" trapping has been devised by us that will be given FREE to anyone using Brower nests. It eliminates the need of record keeping and is easily used.

Which Hens Are Most Profitable

USE BROWER'S DE LUXE TRAPNEST and FIND OUT

Are all your birds profitable layers? When you select your eggs for hatching, will you reproduce the layers or the drones? Can you tell how much your profit would be increased if the drones were culled out? That amount is exactly what you are losing by not getting rid of them. There is no money in feeding non-producers. Get the drones out and get that extra profit. Provide yourself with the equipment to give you the facts—use Brower's DeLuxe Trapnest and get the low-down on your flock.

EXCLUSIVE BROWER DESIGN

Statistics show that there is less cannibalism, less egg eating and fewer eggs broken among trapnested hens. With Brower's DeLuxe Nest, these troubles and consequent losses are avoidable—not only when it is used for trapnesting, but also when used as a regular Laying Nest. The Improved Convertible Door makes this possible. The convertible feature consists of a special small door in bottom, which, when adjusted "open" as shown on the fourth nest in bottom tier of View 1, permits the hen occupying the nest to open the door and release herself when she is ready to leave. Upon leaving nest, she automatically sets the door in position for the next hen to enter. This means that only one hen can occupy a nest at one time, thus preventing cannibalism, egg eating and other troublesome habits, which

occur when several hens are allowed to nest together. All traps on the Brower DeLuxe Nests have this unique Patented Convertible door feature and also are fitted with the new self-locking catch.

Built of everlasting nonrust galvanized steel. Sanitary and vermin-proof. The nests are large and roomy, 14 in. high; 12 in. wide; 13 in. deep. Ventilating holes in ends, partitions and doors allow a plentiful supply of fresh air to the layers. Round door openings are 9½ inches in diameter. Metal bottom. Slanting, roost-proof top. Smooth, turned edges. Perches can be swung up, after night feeding, to prevent hens roosting on them. Provided with hangers to attach Nest to wall. Arranged so that by simply pulling nest forward, away from the wall, at bottom—nests can be easily and quickly cleaned. Sold on a money-back guarantee.

"2-in-1" DE LUXE TRAPNEST

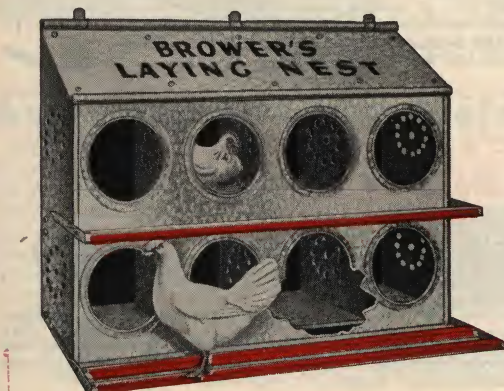
Catalog Number	Number Nests	Tiers High	Length Over-All	Height Over-All	Shipping Weight	Price with Traps
8A-5T4	4	1	48 in.	22 in.	35 lbs.	\$ 6.20
8A-5T8	8	2	48 in.	34 in.	60 lbs.	10.60
8A-5T12	12	3	48 in.	47 in.	80 lbs.	15.20
8A-5T5	5	1	61 in.	22 in.	42 lbs.	7.40
8A-5T10	10	2	61 in.	34 in.	65 lbs.	12.80
8A-5T15	15	3	61 in.	47 in.	95 lbs.	18.20

F. O. B. Quincy, Ill.

DELUXE LAYING NEST

Catalog Number	Number Nests	Tiers High	Length Over-All	Height Over-All	Shipping Weight	Without Traps
8A-5L4	4	1	48 in.	22 in.	30 lbs.	\$ 4.80
8A-5L8	8	2	48 in.	34 in.	50 lbs.	8.20
8A-5L12	12	3	48 in.	47 in.	70 lbs.	11.20
8A-5L5	5	1	61 in.	22 in.	37 lbs.	5.80
8A-5L10	10	2	61 in.	34 in.	56 lbs.	9.40
8A-5L15	15	3	61 in.	47 in.	80 lbs.	13.20

F. O. B. Quincy, Ill.



Brower's DeLuxe Laying Nests, shown here, are of the same design and construction as the Trapnests described above. The only difference is they are not fitted with trapdoors—but traps can be attached at any time. No. 8A-5T0 Trapdoor, less frame, 35c each.

BROWER'S PATENTED

CONVERTIBLE TRAP-DOOR AND FRAME

A positive-working, automatic Trapdoor for use on home-built wood nests. Provided with a positive, self-locking catch. Exactly the same door as used on Brower's DeLuxe Trapnest. No springs or triggers to get out of order. 100% efficient. Made of galvanized steel 12 inches square, with a 9½-inch round door opening. Satisfaction guaranteed. Smooth turned edges.

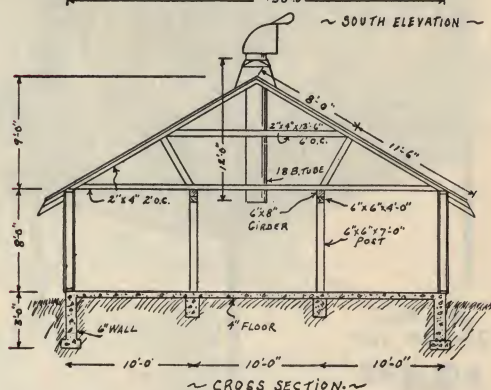
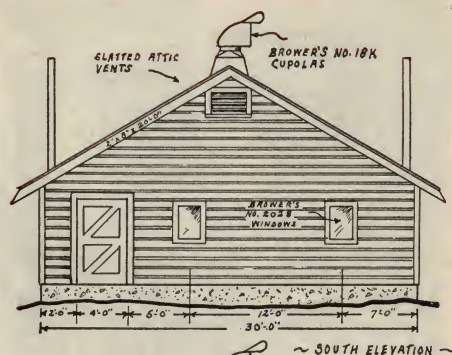
No. 8A-5T1—Trapdoor and Frame, as shown, Each\$0.50
Dozen, weight 20 lbs., price..... 5.30
No. 8A-5T0—Trapdoor only, less frame, each35

F. O. B. Quincy, Ill.

Monthly Egg Record Cards

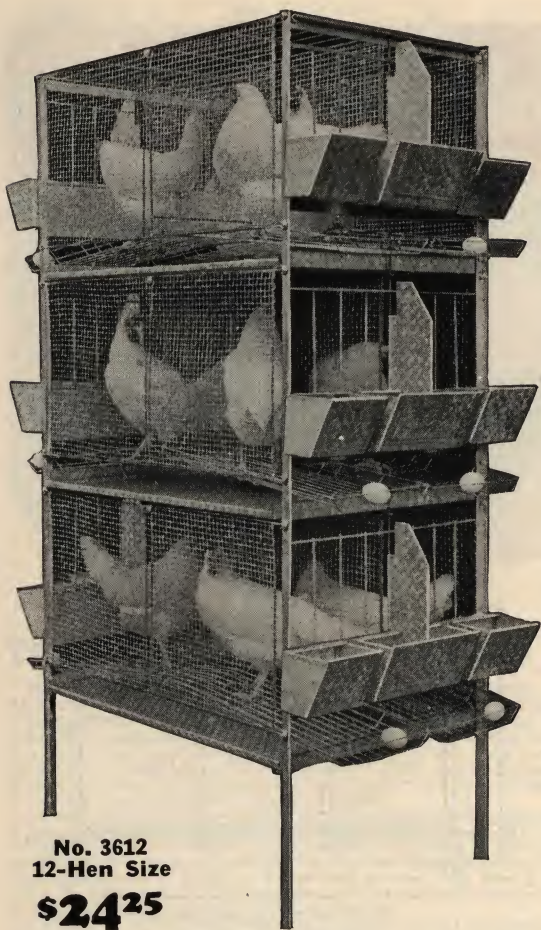
For pens of twenty-five hens. Order by Catalog No. 8A-273. Mailable. Postage extra.
25 Cards.....\$0.50 100 Cards.....\$1.35
250 Cards..... 2.75 500 Cards..... 5.00

Hand-drawn sketch of the East Elevation of a building. The elevation shows a series of windows and doors. At the top, there are five windows, each with a height dimension of 16'-0". The total width of the building is 92'-0". The elevation is labeled "EAST ELEVATION" at the bottom.



Total Hen Capacity	Size of Building Required	Proper Ventilating System to Use See Pages 46 and 47		
Using Brower's Hen Laying Batteries		No. 12K Cupolas	No. 12B Flues	No. 2028 Windows
72 Hens	10 x 20 ft.	1	1	6
288 Hens	20 x 35 ft.	1	1	8
504 Hens	20 x 55 ft.	2	2	14
1080 Hens	30 x 92 ft.	5	5	24

A large, multi-tiered wire cage system for laboratory animals. The cage is constructed from heavy angle iron, forming a sturdy frame. It features multiple levels, each with a removable wire floor for easy cleaning. A sliding door is visible on the left side, and a partition is shown on the right. The cage is mounted on a heavy base with casters for mobility. Labels indicate the 'REMOVABLE WIRE FLOOR AND CLEAN-OUT TRAY', 'DOOR', 'PARTITION', and 'HEAVY ANGLE IRON FRAME'.



No. 3612
12-Hen Size
\$24²⁵

The 12-hen Battery shown above is fitted with hand-filled Water Cups and removable Dropping Pans made of rust-resisting **ARMCO Ingot Iron**. Any number of 12-hen units can be installed to secure the desired capacity.

More *and* Better

by Using **BROWER'S COMMERCIAL HEN LAYING BATTERY**

Laying Batteries are a success! There is no longer any question about it. It is a proven method and it pays! Results from Batteries in actual use have definitely established the fact that hens in Batteries lay and produce higher quality eggs, do better, are less trouble, and cost less to keep than hens kept by any other method. Brower's Commercial Hen Battery puts the egg business on a sound and profitable basis. Your savings in house space, feed, and labor will soon pay the cost of installation. You need only one-half of the floor space otherwise required. Labor is reduced to a minimum. There is no bother with litter. Fill the feed and water pans, clean out the droppings, and collect the eggs. That's all there is to it. You save on feed . . . both in cost and in the amount it takes to produce a dozen eggs. You feed no non-producers, for in the Brower Battery, **every hen is automatically trapnested**. You can see at a glance which hens are not laying and get rid of them promptly. One can develop a perfect laying strain . . . securing maximum egg production at a minimum cost for feed and labor.

Built to Last a Lifetime

Brower's 12-hen Commercial Laying Batteries embody the most modern features in construction, sanitation, ventilation and convenience. They can be used in almost any building, garage, or shed. Many city folks use them in order to have a daily supply of fresh, quality eggs for their families and neighbors. Hens confined to Brower's Commercial Laying Batteries are not subjected to the hazards which the range fowl must combat. They cannot come in contact with the droppings. They cannot pick up disease germs. The droppings cannot contaminate the feed and water for the feed troughs and water cups are correctly placed outside. Ailing birds are quickly observed and in consequence you have greater opportunity to avoid serious losses. These advantages result in a larger and better quality egg . . . yolk and white are perfect in texture. Brower's Hen Batteries are built of the very best materials throughout . . . no wood parts to rot or warp . . . no crevices to harbor lice, mites or disease germs. The frame is rigidly constructed of heavy 3/4-inch angle iron, 1/8-inch thick. The floors are of electrically welded galvanized wires, running parallel and spaced so that all droppings fall directly through into

the removable, **ARMCO Ingot Iron** dropping pans below. Sanitary and easily cleaned. The floors slant downward so that the eggs roll to the front of battery, unsoiled . . . as soon as they are laid. Egg trough extends beyond the front of battery far enough to put the eggs out of the hens' reach—thus preventing egg eating and breakage. Galvanized hardware cloth partitions separate the hen compartments, preventing cannibalism, feather picking and fighting. One large capacity no-waste design Feeder for every two compartments. Each feed trough has a center partition, which provides a separate feed compartment for each hen and at the same time prevents feather picking on neck and head. The top trough has a space for egg record cards. Doors are easily opened to remove the hens. The twelve individual Water Cups are of rust-resisting **ARMCO Ingot Iron** and are easily removed for filling and cleaning. The Batteries stand 12 inches above floor, making it convenient to clean under them. (See next page for larger capacity Hen Batteries with automatic waterers and belt cleaning system.)

Brower's Standard 12-Hen Commercial Laying Battery

A small investment will start one or more of the Brower Standard 12-Hen Units to work for you—and with just a small capacity Plant installed you will have all the eggs needed for home use and besides have some to sell to your friends and neighbors at a nice profit. The price of your Brower Hen Battery is your entire cost of equipment. It is complete in itself. There are no extras to buy. The feeders . . . water pans . . . everything is included with the Battery. Order as many 12-hen Units as required to give you the desired capacity. Brower's is the best and most scientifically constructed Hen Battery on the market—and is sold to you on a money-back Guarantee.

No. 8A-3612—Standard 12-Hen Commercial Laying Battery. Twelve individual hen compartments, each 12x17 inches, 18 inches high. Over-all size of Battery: Height 72 in., Width 24 in., Depth 44 in. Weight 130 lbs. Price.....

\$24²⁵

Shipped K. D. F. O. B. Quincy, Ill.

Brower's Special 12-Hen Display Battery Unit

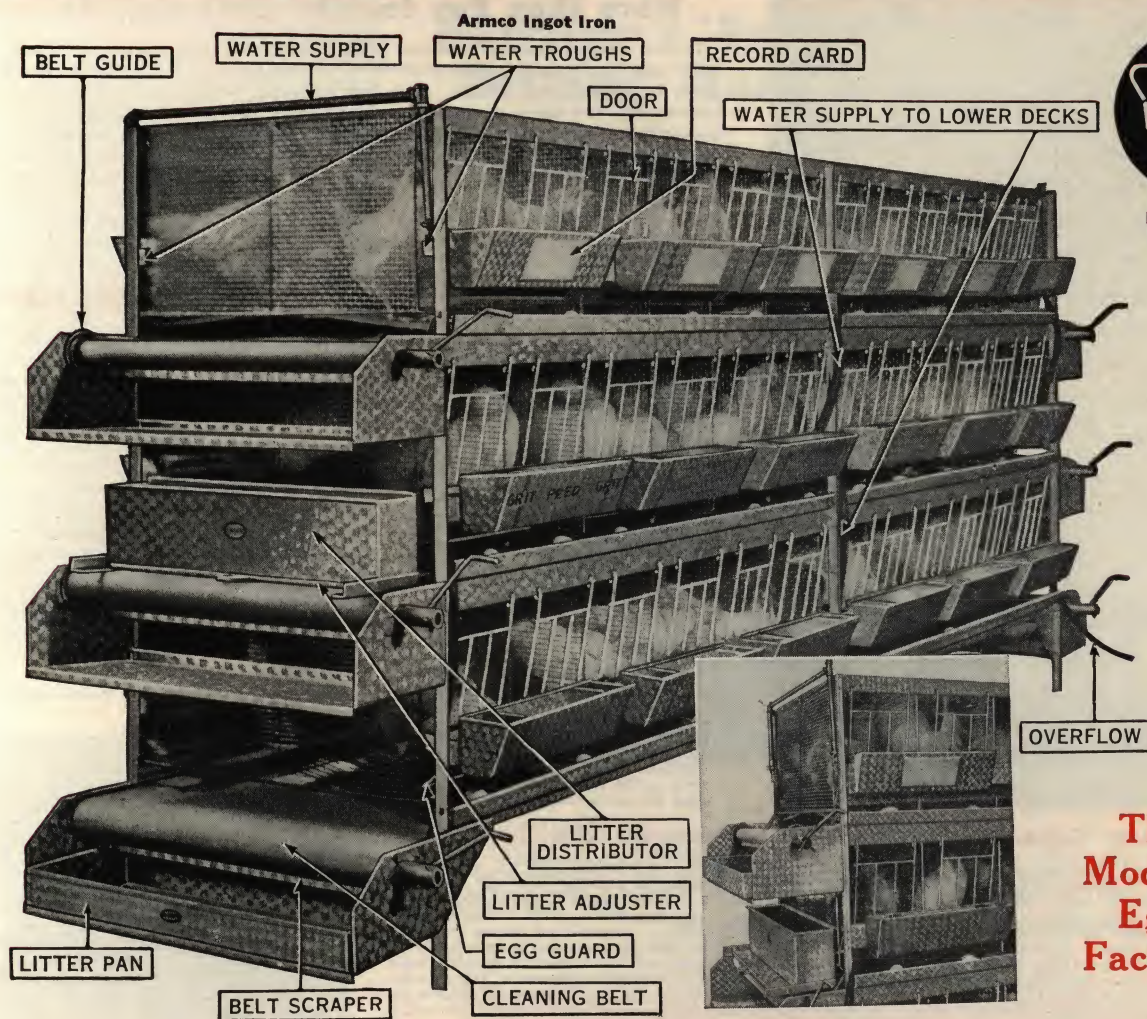
Similar in design and construction to the Standard 12-Hen Unit, illustrated above but built with larger hen compartments, for display use. This Battery fills the need of hatcheries and feed Dealers wanting equipment for the effective display of hens. To attract customer attention, nothing equals a live display. Many dealers use this Brower 12-Hen Display Battery to conduct small Egg-Laying Contests—including hens from several of their best customers—and find that this not only creates much local interest in the Display but also helps to greatly increase their store sales on feeds, equipment, remedies, etc.

No. 8A-3512—Special 12-Hen Display Battery. Twelve individual hen compartments, each 17x17 in., 18 in. high. Over-all size of Battery: Height 72 in., width 34 in., depth 44 in. Weight 140 lbs. Price.....

\$27⁵⁰

Shipped K. D. F. O. B. Quincy, Ill.

EGGS *at a* GREATER PROFIT



The
Modern
Egg
Factory

For Commercial Egg Production

Brower's Commercial Laying Batteries are made of heavy gauge galvanized material throughout. The all-metal construction provides the utmost in cleanliness and sanitation. No inaccessible corners or crevices to harbor lice, mites and disease germs. The frame is built of 3/4-in. angle iron, 1/8-in. well braced; holds Battery extremely rigid. Legs are 12 in. high, allowing plenty of space under the battery for cleaning floor.

Roomy, individual hen compartments, each 12x17 in., 18 in. high. The wire doors swing inward. Birds cannot force their way out. Any layer can be quickly and easily removed from her cage without detaching the feed and water troughs. The wire floors made flat and their entire surface represents available floor space. The floors slope only toward the front—just enough to roll the eggs into the egg channel in front of the compartments. The special Egg Guard prevents breakage and egg eating; at the same time it eliminates the possibility of droppings accumulating on the belt slides. One 3-compartment no-waste Feed Trough is furnished for every two cages. Each Trough has a large center compartment for Mash, which supplies two hens—and a separate compartment at each end, providing an individual Grit Box for each hen. Egg Record Card Holders, conveniently arranged for all three decks, are fitted to the Feed Troughs on top deck. Removable Water Troughs on each deck extend the full length of the Battery and are made of rust-resisting **ARMCO Ingot Iron**. The water troughs are covered by flanges

on Feed Pans—with just enough water surface left exposed in front of each compartment to afford each hen ample drinking space. The water drips into the troughs on top deck from the 3/4-in. supply lines, which are fitted with pet cocks to regulate the drip. At opposite ends of the three decks are the overflow tubes which carry the water from the top deck into the troughs on the two lower decks. No water pressure necessary. Supply tank may be used. Brower's Commercial Laying Batteries are furnished with either the Rubberized Coated Fabric Belt Cleaning System or Flexible Metal Belt. Both types furnished in three sizes—36, 72 and 108 hen capacity. A convenient Litter Distributor and Clean-Out Pan are furnished as regular equipment on Batteries listed below, and when in use are moved from deck to deck as needed.

Dimensions: All Battery Units listed below have individual hen compartments, each 12x17 inches in size, 18 in. high. Over-all size of Batteries—Depth 43 in.; Height 72 in. Other specifications given below.

Most any well constructed building can be used for installing Brower's Laying Batteries. If you have a building available, and will send us a pencil sketch showing complete dimensions, our Service Department will be glad to make the proper recommendation of equipment. We can also furnish plans for constructing a special house for the purpose.

WITH RUBBERIZED FABRIC BELT

Catalog No.	Hen Capacity	Number Feeders	Number of Water Troughs	Length Over-all	Approx. Weight	Price Complete
8A-3736	36	18	6	95 in.	382 lbs.	\$100.00
8A-3772	72	36	12	165 in.	700 lbs.	\$172.50
8A-37108	108	54	18	235 in.	1020 lbs.	\$245.00

Shipped K. D. Easily Assembled. F. O. B. Quincy, Ill.

WITH FLEXIBLE METAL BELT

Catalog No.	Hen Capacity	Number Feeders	Number of Water Troughs	Length Over-all	Approx. Weight	Price Complete
8A-3836	36	18	6	95 in.	350 lbs.	\$ 80.00
8A-3872	72	36	12	165 in.	634 lbs.	\$143.00
8A-38108	108	54	18	235 in.	937 lbs.	\$196.00

Shipped K. D. Easily Assembled. F. O. B. Quincy, Ill.

Brower "Perfect Hatchers"

Your Profit From Only 4 Hatches Will More than Pay for the 1200-Egg Machine

In place of selling your eggs at market prices, turn them into baby chicks. A dozen eggs may be worth only 25c at market price but Brower's "Perfect Hatcher" will make the same dozen eggs worth 63c to you as baby chicks. Aside from the profit, consider the saving and convenience of hatching your own chicks. Suppose your eggs are worth, we will say, 25c per dozen. 1200 eggs are worth \$25.00. Various factors have much to do with the hatch you will get, but with ordinary care and average eggs, you can reasonably expect a 70 to 75% hatch of all eggs set. This means 840 to 900 baby chicks in three weeks. Even if you only allow 7c apiece for them, it amounts to \$63.00. Deduct \$25.00 from this and you have \$38.00. Cost of electricity should not exceed $\frac{1}{4}$ to $\frac{3}{4}$ c. per chick, and deducting same, leaves **\$31.25** for your profit. Think of it! The profit in 12 weeks of operation will amount to **\$125.00**—enough to more than pay for a 1200-egg machine! Worth thinking about, isn't it?

Buy the Size to Fit Your Egg Production

How many eggs do your hens produce? 200 eggs per week? ... 400? ... 700 or more? Buy the incubator that will take care of them. Figure on setting once or twice each week. For instance the 2100-Egg "Perfect Hatcher" will take 350 eggs twice each week. This means that you will have at least 250 baby chicks to sell twice a week, or 500 weekly. At 7c per chick ... and you know you will get at least that much ... that is \$35.00 per week for you instead of the \$14.52 which the 700 eggs (58-1/3 dozen) would have brought at 25c per dozen. Even admitting that half of the 25c per dozen is profit ... it seldom is, you know ... you would have only made \$7.26 clear if you had sold the eggs, whereas by selling the 500 baby chicks you make a clear net profit of around **\$27.00**. And this is every week, mind you ... just as long as you care to operate. If you have enough hens to make you a living by selling eggs, you can just as well have four times that much money right now. All you need is enough "Perfect Hatchers" to take your output of eggs. Besides, you will be in a position to do custom hatching which is nearly all clear profit.

Sold on 30 Days' Trial Offer

Every machine is fully GUARANTEED to be exactly as represented and to do all we claim for it—and is sold on a 30 Days' Trial Offer. Put one complete hatch through it—and if you are not entirely satisfied with it, you may return the machine to us, and get your money back.

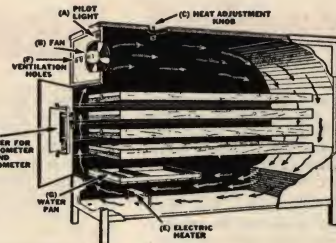
2100-Egg "Perfect Hatcher"

Shown at the left. Recommended for constant operation. Set 700 eggs per week or 350 eggs twice a week. Other sizes may be operated the same way.

High Quality Construction Means Efficiency and Long Life

All Brower "Perfect Hatchers" and the "Perfect" Combination Machine on opposite page are scientifically built for a long life of efficient, low-cost operation. Sturdy, trile construction of genuine California redwood—no plywood to buckle or warp. Highly efficient insulation. All trays are interchangeable and made of light, durable white pine—well braced. Heat is supplied by approved, tested coil type Heaters and the temperature automatically controlled by dependable, fool-proof Thermostat Heat Regulator. Streamlined interior construction eliminates cold spots. Built to maintain uniform temperature and to give years of trouble-free, profitable operation. All machines are fully accessible for cleaning and are easily moved about. Attractive, durable finish. Hardware of brass and untarnishable nickel. Furnished complete with high grade Thermometer, Hygrometer, Thermostat Heat Control, Pilot Light, Moisture Pans, etc. Plug into a 110 volt, 60 cycle current connection and the machine is ready to operate. In the "Perfect Hatchers" listed below all eggs are fully and safely turned in trays by a special turning device.

Note the Air Travel



Brower's "Perfect Hatchers" and the Combination Machine on opposite page, embody an advanced, tested air-circulating system that provides the correct chemical change necessary to hatch stronger, huskier chicks, ducks, turkeys or pheasants. The air current is directed around the trays. There is never a direct draft on the eggs at any time ... but each egg is completely bathed in fresh, correctly warmed and humidified air.

Complete-Ready to Operate

No.	Egg Size	Number of Trays	Eggs per Tray	Size Fans	Total Wattage	Approx. KWH Used in 3 Wks.	Cabinet Size	Height	Shipping Weight	Price
8A-416	416	4	104	One 8-in.	189	38	22x37 in.	37 in.	165 lbs.	\$ 54.50
8A-624	624	6	104	One 8-in.	289	65	22x37 in.	44 in.	210 lbs.	74.50
8A-667	1200	8	152	One 10-in.	400	100	22x46 in.	55 in.	300 lbs.	122.00
8A-668	2100	22	95	Two 10-in.	593	150	29 1/2 x 47 in.	64 in.	565 lbs.	205.00

For 110 Volt A. C. 60 Cycles. F. O. B. Quincy, Ill., or Missouri Warehouse



416-Egg "Perfect Hatcher"



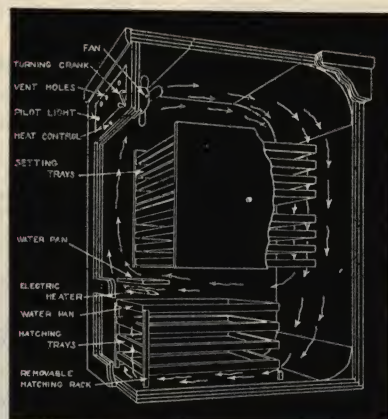
1200-Egg "Perfect Hatcher"

produce bigger, better chicks at LOWER COST

Brower's "Perfect" Combination Setting Machine and Hatcher



1650-Egg Size Setting-Machine and Hatcher. 8 setting trays—3 hatching trays—150 eggs per tray. The illustration at the right shows the air-circulating system in this 1650-egg machine. Streamlining the path of the main air current makes for economical power consumption.



Operating Features

In Brower's "Perfect" Combination Machine and all "Perfect Hatchers" on opposite page, ideal hatching conditions are easily maintained. Heat is supplied by approved, tested, coil type heaters. Correct temperature constantly recorded by reliable instruments, always in full view of operator. Temperature fully controlled by dependable, fool-proof, efficient Thermostat Heat Regulator. Humidity supplied by moisture pans with adjustable surface exposure. Eggs are fully and safely turned, without being touched by hand. Eggs set and hatch in the same trays. Egg positioners hold eggs firmly during turning operation, are easily removed at hatching time and eliminate the need of packing eggs in trays. Cabinet of triple construction California Redwood; well insulated. All machines fully accessible. Easy to clean and keep clean. All work is done from front of machine. Furnished complete with high grade Thermometer, Hygrometer, Thermostat Heat Control, Moisture Pan, etc., ready to operate.

Setting and Hatching Advantages

This machine holds 1650 large chicken eggs—having a turning capacity of 1200 and a hatching capacity of 450 eggs in separate trays. It can be set to hatch 1200 chicken eggs at one time; 600 every 10 or 11 days, or 400 every week. On turkey or duck eggs, it has a turning capacity of 1080 eggs and a hatching capacity of 405 eggs in separate trays—holding a total of 1485 eggs. It can be set to hatch 1080 turkey or duck eggs at one time; 540 every 14 days; 360 every 9 to 10 days, or 270 every week.

Complete—Ready to Operate

No. 8A-1650—Combination Machine, 1650-egg size. 8 Setting Trays and 3 Hatching Trays, each holding 150 eggs. Fitted with one 12 in. Fan and one 350 Watt Heater. Uses about 100 KWH in 3 weeks. Width, 32 in. Depth, 50 in. Height, 69 in. Weight, 560 lbs. Price complete, \$218.00

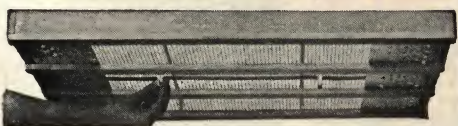
For 110 Volt A. C., 60 Cycles. F. O. B. Missouri Warehouse.

Brower's DeLuxe Incubators

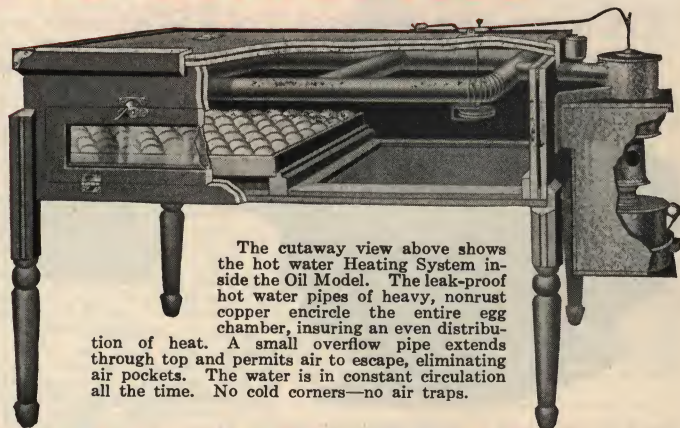
The DeLuxe Incubators are adaptable for hatching chicken, turkey, goose, duck, pheasant and quail eggs. They offer the utmost in convenience, reliability, efficiency and economy. Approved by the Underwriters—they are safe and without fire hazards. The cabinets are of genuine California Redwood, of double wall construction with air space between walls. Will withstand heat, cold or moisture without warping or splitting. Doors have double glass with 1/4-inch air space between which prevents steaming. Adjustable Ventilators provided in both top and bottom. All cabinets have Masonite insulation in top and are finished in natural color, nicely varnished. Heavy legs fit over the corners and hold the machine firm and steady. Equipped with Patented Egg Turning Trays and deep nursery trays in each compartment.

In the Oil Model, heat is supplied by a kerosene-burning oil lamp with 2 qt. capacity oil bowl and large Sun Hinge Burner enclosed in a heavy galvanized steel jacket outside the machine. The Electric Incubators are fitted with a high-grade Electric Element and Automatic Switch; made to operate on 110 volt A. C. without radio interference. Both the Electric and Oil Incubators have the hot water heating system as shown in cutaway view at right and in both models the heat is automatically controlled. In the two- and three-deck machines, each deck has its own heating system and operates independently of the others. This permits the use of any one or two decks as desired. Fine for weekly hatches, setting one deck at a time. The double and triple deck machines are accessible from both sides. All machines are complete with Trays, Oil Lamp or Electric Heater, Heat Regulator, Thermometer and operating instructions.

Patented Egg Turning Tray



Above view shows bottom of tray with egg turning device which permits turning all eggs in tray quickly, by a simple forward or backward movement of the hand on the projection or handle underneath tray.



The cutaway view above shows the hot water Heating System inside the Oil Model. The leak-proof hot water pipes of heavy, nonrust copper encircle the entire egg chamber, insuring an even distribution of heat. A small overflow pipe extends through top and permits air to escape, eliminating air pockets. The water is in constant circulation all the time. No cold corners—no air traps.

Oil and Electric Heated Models

Electric No.	Oil Type No.	Egg Size	No. Decks	No. Trays	Size Over-all	Height Over-all	Ship. Weight	Electric Price	Oil Type Price
8A-150E	8A-150L	150	1	1	32x34 in.	32 1/2 in.	90 lbs.	\$ 28.00	\$ 24.50
8A-300E	8A-300L	300	1	2	52x34 in.	32 1/2 in.	130 lbs.	34.50	31.00
8A-450E	8A-450L	450	1	3	71x34 in.	32 1/2 in.	170 lbs.	44.50	41.00
8A-600E	8A-600L	600	2	4	52x34 in.	55 1/2 in.	260 lbs.	69.00	62.00
8A-900E	8A-900L	900	2	6	71x34 in.	55 1/2 in.	340 lbs.	89.00	82.00
8A-1350E	8A-1350L	1350	3	9	71x34 in.	68 1/2 in.	510 lbs.	133.50	123.00

All F. O. B. Quincy, Ill. Inc. Electric Incubators for 110 Volt A. C. only.

Acme Chick Box Staplers

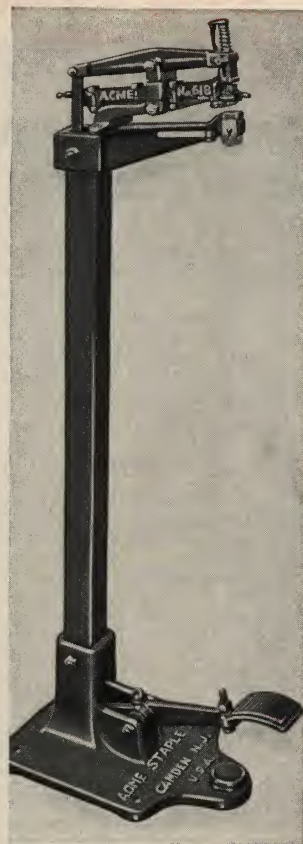
with the New "Finger Flip" Spacing Stick Attachment

FOOT POWER STAPLER

The new "finger flip" Spacing Stick Attachment makes these Acme Staplers by far the outstanding equipment for economical and safe box assembling. A "flip of the finger" and the machine is ready for attaching the sticks to boxes. Spacing stick fits squarely in groove made by flipping down the stapling anvil. Ample tolerance is allowed for variance in thickness of sticks.

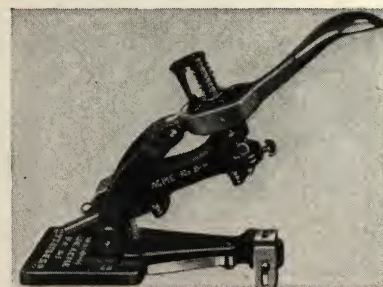
This new Acme Foot Power Stapler does the complete job of carton assembly and attaching sticks at one time. Sturdily constructed. Modern in every detail. It does the work quickly and efficiently. Coil spring feed. Staples are accurately fed from the magazine, one at a time. Easiest of all machines to reload; takes 150 staples at a charge. Staples come cohered and are instantly slid into the magazine. The foot power feature leaves the operator with both hands free to handle the assembly of a large volume of chick boxes, and with the new spacing stick attachment, means more COMPLETE units assembled per machine, per day. The famous Acme velvety action foot lever means less fatigue for the operator. Portability of the equipment means easy and quick removal from one part of the hatchery to another. Every hatchery—large or small—should have at least one of these Foot Power machines. Takes No. 61S broad, flat wire Staples. Height over-all, 52 in. Ht. to anvil, 45 in. Ship. weight 120 lbs.

No. 8A-61SF Stapler
Foot Power Model. **\$37²⁵**
F. O. B. Factory.



HAND POWER STAPLER

Sturdily built with the new "finger flip" Spacing Stick Attachment. It is operated by an easy acting hand lever and has an extra deep throat for attaching the spacing sticks. Ideally suited to the small hatchery and generally used in the larger hatchery as auxiliary equipment for busy seasons. It will quickly pay for itself and pay you a nice profit besides. Attach it to any bench. Requires no adjusting. Simply fill the magazine with staples and it is ready for use. Anyone can operate it. Staples feed down accurately, without clogging. Takes standard No. 61S broad, flat wire Staples. Ship. wt. 9 lbs.



No. 8A-3H Stapler
Hand Power Model **\$11²⁵**
F. O. B. Factory

Acme Cohered Wire Staples

No. 8A-61S—Acme broad, flat wire Staples with 3/8 in. leg. For No. 8H and No. 61SF machines shown; also for Acme Staplers No. 1H and No. 611 (Brower No. 116)—not listed here. Packed 5000 Staples to a box.

1 box only, price.....	\$1.75
5 box lots, per box.....	1.65
10 box lots, per box.....	1.55
25 box lots, per box.....	1.45

Prepaid in U. S. A.

No. 8A-XX—Acme Staples with 5/16-inch leg. For old style Acme No. 1 Chick Box Stapler (not shown here). Packed 5000 staples to a box.

1 box only, price.....	\$1.55
5 box lots, per box.....	1.50
10 box lots, per box.....	1.45
25 box lots, per box.....	1.40

Prepaid in U. S. A.

Brower's Hatchery Glue

No. 8A-748—Glue. For pasting on chick box sticks and for general hatchery and office use.

1 Gallon Can, weight 15 lbs., price.....	\$0.75
5 Gallon Can, weight 65 lbs., price.....	2.50

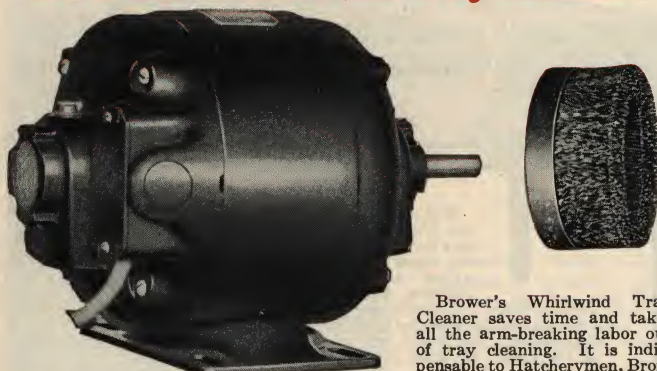
F. O. B. Quincy, Ill.

Brower's Gummed Kraft Paper Tape

No. 8A-630—Gummed Tape. For sealing Chick Boxes and general hatchery use. Width 2 inches. Length of 600 ft. in a roll. Wt. per roll, 4 lbs. Price per 600 ft. roll.....

\$0.55
Mailable. F. O. B. Quincy, Ill.

Brower's Whirlwind Tray Cleaner



Brower's Whirlwind Tray Cleaner saves time and takes all the arm-breaking labor out of tray cleaning. It is indispensable to Hatcherymen, Broiler Plant operators and large users of Battery Brooders. Comes equipped with the Whirlwind Brush of special crimped, steel wire tufts, securely fastened in a 5 in. base. Wire spreads to 6 in. diameter. With this large face surface, the Whirlwind brush minimizes the time required to clean trays and wire mesh floors. Revolves at 1750 R.P.M., and, as the tray is lightly passed over it, the Wire Brush instantly picks off particles of shell and all matter adhering to the screen of the tray.

The Whirlwind Tray Cleaner comes completely equipped with a 1/4 H.P., 110 volt, 60 cycle, A. C. high-grade Electric Motor; a 1/2-inch direct shaft attachment and one Whirlwind Wire Brush, as illustrated.

No. 8A-716 —Tray Cleaner complete as shown. Wt. 31 lbs. Price.....	\$22.00
No. 8A-717 —Wire Brush only. Wt. 3 lbs. Price.....	4.50
No. 8A-717S—Wire Brush and Shank, to connect to motor. Wt. 3 lbs..	5.75

F. O. B. Quincy, Ill.

Brower's Life Saver Chick Box Sticks



For tacking across box cover, to allow for ventilation between boxes when tied together for shipment. Light-weight material. Packed 500 to a bundle and sold only in full bundle lots.

No. 8A-496—Chick Box Sticks, 6 in. length. Weight per bundle, 35 lbs. Per bundle of 500, price.....
Lot of 1000, weight 70 lbs. Price per 1000 Sticks.....

\$1.25
2.10
F. O. B. Quincy, Ill.

U Staples for Chick Boxes

A well-made Tin Staple—used extensively for assembling Chick Boxes and other corrugated containers. Easy to use. Wt. per box, 2 lbs.

No. 8A-562—Tin U Staples, packed 1000 to a box. Price, per box.....

\$0.80
Postage extra.



Brower's Hand Stapling Tool

Pierces holes for the staple and makes the use of the Tin U Staples easy and rapid. A great time saver and a practical necessity where stapling machines are not used.

No. 8A-563—Stapling Tool. Price, each.....
Postpaid in U. S. A.



Metal Card Holders

For marking incubator trays, special pens, seed bins, etc. Made of galvanized steel.

No. 8A-271—Size 2-1/2x1-1/8 in. Per dozen.....	\$0.30
No. 8A-272—Size 4-1/2x1-1/8 in. Per dozen.....	.35

Mailable. Postage extra.

Big Money in Capons

Make bigger poultry profits by caponizing. The operation is simple. The object is to largely increase the weight of the fowls, causing them to grow as large as turkeys and weigh from 10 to 15 lbs. Capons always command high prices. This Caponizing Set is complete with cord, knife, spring spreader, hook, testicle remover, probe and curved spoon forceps. Full instructions furnished.

No. 8A-838—Caponizing Set.....
Prepaid in U. S. A.



BROWER SPECIALTIES INCREASE POULTRY PROFITS

Brower's "Nu-Way"

Chicken Killer



The quickest most humane method of killing poultry ever devised. The sharp blade descends in slots and strikes the fowl in spinal cord, causing instantaneous death. For market purposes, a light blow will puncture the spinal cord and leave the fowl with head intact. For household use, a slightly harder blow is struck, severing the bony structure of the neck. In neither case does the head fly completely off, but is left hanging by the skin. Attach machine to any solid wood support.

No. 8A-632—"Nu-Way" Chicken Killer. \$1.25
Prepaid in U. S. A.

Humane Poultry Killer



Solves the problem of killing chickens, turkeys, ducks and geese in a humane, safe and easy way. So simple that a boy or girl can use it and make a perfect kill. Simply insert blade in mouth of the bird, close the handles and the bird is bled and bled by the one operation, requiring less than 5 seconds. The blade severs the bridge vein, draining both main arteries. It also pierces the brain, disrupting the nerve center at base of skull, which causes relaxation of the muscles, loosening the feathers. Made of stainless aluminum with stainless steel blade.

No. 8A-638—Poultry Killer, price each. \$1.45
Prepaid in U. S. A.

"Save-All" Killing Knives



The most popular pattern of poultry killing knife. Scientifically built. Recommended almost exclusively by various Agricultural Schools to poultry raisers and produce houses.

No. 8A-323—Poultry Killing Knife. Over-all length 7-1/2 in. Blade 3 in. long. Price each. \$0.50
Dozen, weight 2 lbs., price. 5.00



No. 8A-2694—Turkey Sticker. Designed specifically for turkey killing. Well made, with a 4 in. blade. Price each. \$0.65
Dozen, weight 3 lbs., price. 7.20
All Prepaid in U. S. A.

"Save-All" Pinning Knife



This is a favorite pinning knife. Used almost universally. Substantially built. Hardwood handle, well riveted. Length over-all 5-7/8 in. Blade 2-1/2 in. long. No. 8A-113R—Pinning Knife, price each. \$0.35
Dozen, weight 2 lbs., price. 3.00
Prepaid in U. S. A.

Brower's Live Chicken Weigher

This dependable poultry scale, illustrated in view at right, was designed particularly for weighing the individual fowl—alive or dressed. Just the thing for weighing live chickens. Simply insert the fowl, head first, in the galvanized funnel scoop and the scale automatically gives exact weight. Capacity 10 lbs. by ounces. Made of cold rolled steel, with a 6-1/2-in. dial, fully protected by glass. Warranted accurate. Each balance is carefully hand assembled from accurate machined parts, tested by skilled workmen and carefully inspected before leaving the factory. The balance scoop is suspended by three strong chains. Wt. 6 lbs.

No. 8A-331—Scale with Funnel Scoop. Price. \$5.00
Postage Extra



No. 62B

Brower's Utility Scale

An accurate Scale for weighing Poultry and for general farm and dairy use. Made of heavy sheet steel with an 8 in. Solid Brass Dial. The loose pointer, adjusted by thumb screw at center, may be set anywhere on dial to offset weight of container. Capacity 60 lbs., graduated by 1/10-lb. Indicator travels twice around dial to weigh the full capacity. Green enamel finish and fitted with a heavy tinned hook.

No. 8A-62B—Utility Scale. Dimensions 8x2x17 in.
Shown at left. Wt. 5 lbs. Price each. \$6.50
F. O. B. Quincy, Ill.



Brower's Hand Scraper

A handy little tool for scraping out corners, for cleaning battery brooder trays, brood coops, nests, drop-boards, etc. Made of heavy galvanized steel, 10 in. long.



No. 8A-289—Hand Scraper, each. \$0.25
Postage Extra

Brower's "All-Purpose" Scraper



Useful in cleaning Battery Brooder and incubator trays. A fine wall scraper. 3 in. wide steel blade. Wood handle. Length over-all, 9-1/4 in. Wt. 10 oz. No. 8A-2887—Scraper, each. \$0.40; Dozen. \$3.80
Prepaid in U. S. A.

Brower's Humane Fowl Catcher



Catches and holds fowl without injury. Saves time and annoyance. Heavy steel copper coated rod, with hook end and wood handle. Length 45 in. Furnished with customer's name and address printed on handle at an extra charge of \$2.50 per 100; \$3.50 per 250; \$4.50 per 500; \$6.00 per 1000.



A good advertising item for hatcheries and feed mills. Approved by Poultry Tribune Experimental Farm.

No. 8A-635—Fowl Catcher, price each. \$ 0.25
Dozen. 1.80
Price per 100. 12.00
Prepaid in U. S. A.

Brower's Handy Steel Wire Scratch Brush



ONLY
30c

With slightly curved handle. Makes it convenient to clean out those small corners and out-of-the-way places.

Invaluable to the hatcheryman and poultry raiser. Has 3x19 rows of wire. Length 14 inches. Wires extend 1-1/4 inches out of block.

No. 8A-1651—Brush, each. \$0.30; Dozen. \$2.75
Mailable. Postage Extra.

Brower's Roost, Floor and Drop-Board Scrapers



These scrapers are real tools for cleaning dropping boards, roosts and floors, and for removing snow and ice from walks. Also handy for leveling gardens.

The blade is of high quality carbon steel, slightly curved. Sturdily constructed to stand hard usage. The socket into which the wood handle fits is riveted to blade. Made in two sizes. Easily handled.

No. 8A-3755—Scraper with 12-inch curved blade and 4 ft. wood handle. Wt. 2 lbs. Price each. \$0.75
Price per dozen. 7.50
No. 8A-3756—Scraper with 15-inch curved blade and 4-1/2-ft. wood handle. Wt. 3 lbs. Price each \$1.25
Price per dozen. 12.00

F. O. B. Quincy, Ill.

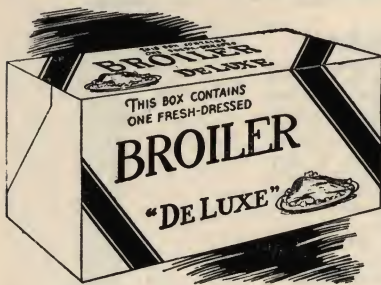
Brower's Handy Floor and Walk Cleaner



Sturdily built with strap socket securely riveted to blade. Handle 4 ft. long. Blade 7 in. wide. Weight 3 lbs. Mailable. F. O. B. Quincy, Ill.
No. 8A-17—Cleaner, each. \$0.50; Dozen. \$5.50

For Safe Shipment of Eggs and Poultry

Brower's "DeLuxe" Broiler Boxes



These Boxes are made of heavy, paraffined, white bleached, manila-lined newsboard. They are made in one size—suitable to accommodate a two- to three-pound dressed broiler. They come printed on three sides with an attractive design as shown in the illustration. Printing is in green ink. The boxes are shipped flat and are easily and quickly assembled without staples or tape. Immediate shipment can be made F. O. B. Quincy, Ill.

No.	Size	Wt. per 1000	Price of 100	Price of 500	Price of 1000
8A-5477	3-1/2x4x8 in.	140 lbs.	\$1.85	\$8.75	\$16.00

F. O. B. Quincy, Ill.

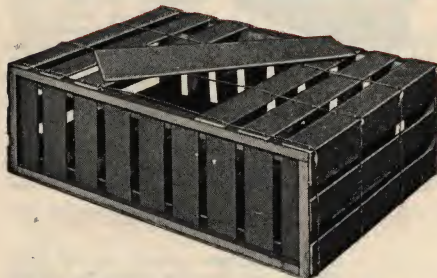
Broiler and Hen Shipping Coop

Safe and secure for shipping poultry to market. Wood bottom and narrow mesh top. Bottoms held securely by clips attached to brace wire. Size, 27x41 x 14 in. Wt. 30 lbs., shipped F. O. B. Quincy, Ill., or Michigan Warehouse.

No. 8A-1204—Broiler and Hen Coop, each.....\$2.75



Brower's Wood Shipping Coops



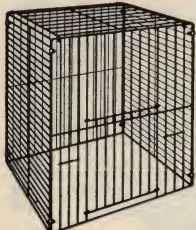
For Pullets and Browsers

A strong, wire-bound crate of tough 3/16-in. veneer. Sides and bottom are made up in one piece. Ends manufactured complete. Nail in the ends, twist the end wire, and crate is set up, ready to use. Size 36 x 12 x 24-in. Wt. 14 lbs. each. Prompt shipment. F. O. B. Illinois warehouse.

No. 8A-X3 Coop, each.....	\$1.15;	25 in crate.....	\$23.00
3 in crate.....	3.10;	50 coops.....	43.70
5 in crate.....	4.90;	100 coops.....	85.70

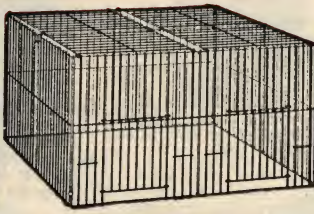
F. O. B. Illinois Warehouse

Brower's "Save-All" Show Coops



Single Coop

Best construction, vertical wires front and back and horizontal wires on sides. Makes narrow mesh when placed together and prevents birds from pecking at each other. Pen size coop has two doors and may be made into a two-compartment coop with partition.



Pen Size Coop

Airy, healthful and comfortable for the birds. Easily cleaned. These Coops are of the most sanitary design. Disinfection is a simple operation. The electrically welded construction closes the spaces of intersections of wire, preventing vermin from lodging at these points. Wood bottom furnished at extra charge.

No.	Description	Size	Wt. per Coop	Price Coop	Wt. Bottom	Price Bottom
8A-1081	Bantam or Pigeon Coop	16x16x18	6 lbs.	\$1.20	4 lbs.	\$0.45
8A-1001	Standard Coop	24x24x27	11 lbs.	1.65	7 lbs.	.60
8A-1101	Turkey Coop	36x36x36	22 lbs.	3.75	13 lbs.	1.00
8A-12	Pen Size Coop	48x24x27	16 lbs.	2.75	11 lbs.	.95
8A-123	Partition for No. 12 Pen Size Coop, each.....				3 lbs.	.45

Shipped K. D., F. O. B. Michigan Warehouse

Brower's Hatching Egg Boxes



For Parcel Post and Express Shipments

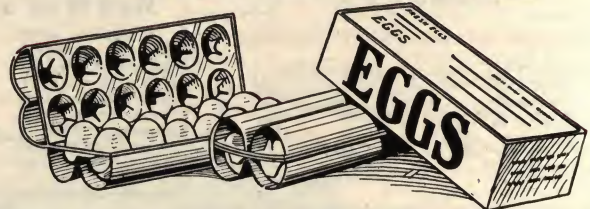
Made of strong corrugated paper, with double faced corrugated paper partitions. Cushion effect protects every egg from shock, heat and cold and virtually removes all danger of the eggs being chilled or broken in shipment. Top, bottom and sides are double lined. Large egg cells, permit careful wrapping of each egg in excelsior or paper, assuring safe delivery. Space for name and address label on lid. Shipped K. D. Sold only in dozen lots of a size. Sample of the 15-egg size postpaid in U. S. for 25c.

No. 8A-581—15-egg size.	Mailable.	Wt. dozen, 18 lbs.	Price per dozen, \$1.80
No. 8A-584—100-egg size.	Wt. per dozen, 65 lbs.	Price per dozen.....	5.00

F. O. B. Quincy, Ill.

Brower's Parcel Post Egg Carriers

Approved by Postal Department and Poultry Tribune



For shipping eggs via Parcel Post or Express. 100% shock-proof. Carries eggs any distance without breakage. Made strong, but light, of double-faced corrugated cardboard. Eggs are suspended in carton clear of the wall by being packed and tied in a dozen-size fingered filler. Space on top for name and address of shipper as well as customer. Can be used many times and prove the cheapest in the outcome, regardless of first cost. Not less than a full package sold. Sample of 1 dozen size Postpaid in U. S. for 25c.

No. 8A-541—1 dozen egg size, package of 50, wt. 29 lbs., price.....	\$3.60
No. 8A-543—3 dozen egg size, package of 25, wt. 42 lbs., price.....	4.05
No. 8A-545—10 dozen egg size, package of 10, wt. 35 lbs., price.....	4.25

F. O. B. Quincy, Ill.

"Aeroil Jr." Disinfecting Torch

Complete with Spray Attachment

Especially recommended for disinfecting incubators, brooders and laying houses and equipment. Destroys all disease germs, mites and nits. Also fine for thawing out frozen pipes; heating water tanks; drying out damp quarters and destroying weed growth. Absolutely safe. May be used indoors or outside, in any weather. Easy and economical to operate. Burns kerosene, gasoline or light furnace oil. Produces a powerful windproof and smokeless flame of intense heat.

Comes complete with a 2-gal. size, copper-bearing Galvanized Steel Fuel and Air Tank tested at 100 lbs.; 2 in. Brass Air Pump; 5 ft. of rubber hose; seamless steel coil burner and windshield; bronze regulating valve to control size of flame. The Brass Spray Attachment makes it an efficient high pressure compressed air sprayer.

Attachment includes 30 in. spray rod, bronze swivel type nozzle for fine or coarse spray and automatic shut-off valve. Unconditionally guaranteed for one year.

No. 8A-998—Aeroil Junior Disinfecting Torch complete with spray attachment as shown.	Wt. 17 lbs.	Price, Complete.....	\$17.50
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No. 8A-992—Spray Attachment, only (to fit your own tank).	Wt. 1 lb.	Price.....	2.50
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F. O. B. Illinois Warehouse



Smith's Lightning Sprayer

3½ Gallon Tank—Funnel Top

Adjustable—Five Different Sprays.

Recommended for spraying plants, trees, shrubbery, cotton; for washing windows, automobiles, etc. Sprays anything in liquid form. Handles all insecticides, whitewash, cold water paint, fly oil and disinfectants. Easily operated. All working parts brass. Tank heavy galvanized steel or copper, as ordered, with embossed graduation marks for measuring liquid. Capacity, 3-1/2 gallons. Large, strong funnel top. Seamless brass pump with brass collar. 23-in. length of 3/8-in. hose. 2-ft. brass extension. Nonclog brass nozzle—five different sprays. Shoulder strap for easy carrying. Height 25-1/4x7-1/4 in. Sprays 8 to 12 ft. high.

No. 8A-24G—Sprayer with Galvanized Tank. Wt. 10 lbs. Price Each.....\$4.50

No. 8A-24C—Sprayer with Copper Tank. Wt. 11 lbs... 7.50

Mailable. F. O. B. Quincy, Ill., or Factory



Banner Compressed Air Sprayer

4 Gallon Tank—Funnel Top

Sprays at Any Angle Five Different Sprays.

Sprays any liquid. Suitable for spraying vines, shrubbery, flowers, cotton, trees, disinfectants, cold water paints, whitewash, etc. Fine for removing wall paper. Galvanized steel or copper tank, as ordered, with graduation marks for measuring liquid. Tank heavily corrugated and double seamed—full 4-gallon capacity. Double bottom for double strength. Funnel top. Removable brass pump. 28 inches of 3/8-inch hose. 2-foot brass extension. Adjustable shoulder strap. Height 26-1/2x7-1/2 in. Swivel, non-clog, brass nozzle. Sprays trees 10 to 15 ft. high. Fully guaranteed.

No. 8A-22G—Sprayer with Galvanized Tank, wt. 12 lbs.....\$6.25

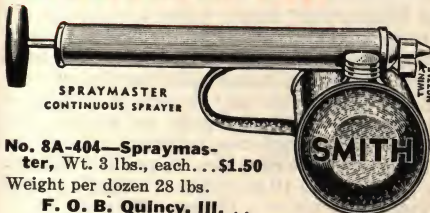
No. 8A-22C—Sprayer with Copper Tank, wt. 13 lbs..... 9.50

Mailable. F. O. B. Quincy, Ill., or Factory



SPRAYMASTER—3 Qt. Continuous Sprayer

Only \$1.50



No. 8A-404—Spraymaster, Wt. 3 lbs., each...\$1.50

Weight per dozen 28 lbs.

F. O. B. Quincy, Ill., ..

All working parts brass and easily removed for cleaning. Sprays anything in liquid form. Pump 14-1/2 in. long. Three-quart Galvanized Steel Tank. Twin nozzle, for straight or angle spray.

Savol Sprayer



For spraying lacquer, disinfectants, insecticides, etc. All working parts brass. Glass jar, 5-1/4x4-1/4 in., has Mason fruit jar thread. Holds 25 ozs. May be replaced with any Mason fruit jar. Two brass nozzles for straight or angle spray. Pump chamber of heavy tin lithographed, 14 inches long. Weight per dozen, 24 lbs.

No. 8A-785—Savol Sprayer, wt. each 3 lbs. Price each.....\$1.15

Brower's Whitewasher and Sprayer

Sprays Trees or Buildings 20 ft. High



Every poultryman, farmer and gardener needs this handy Sprayer and Whitewasher. Made especially for whitewashing, disinfecting poultry and hog houses, barns, fences, etc. Also suitable for spraying trees, shrubbery, garden vegetables and flowers. The special built, all brass, removable ball-valve Pump makes it possible to thoroughly and completely whitewash five times the amount of space that can be covered by brush in the same period of time. It forces the liquid into the small crevices and cracks, producing a finish that cannot be duplicated by any other method. All working parts of the pump are brass. Bottom valve, strainer and nozzle are removable for cleaning. Heavy galvanized steel Tank, 21-1/2 in. high, with convenient side handles and foot rest. Tank full 7 gal. capacity. Removable dished top, to which pump is securely attached, makes it easy to clean. Complete with 30 in. of best grade rubber hose, two 36 in. brass extension rods and one brass self-cleaning adjustable nozzle.

Sold on a Money-Back Guarantee

No. 8A-215—Whitewasher and Sprayer, complete with 7 Gal. Tank, as shown. Wt. 14 lbs.

Price each.....\$8.00

F. O. B. Quincy, Ill.

Handy Whitewasher and Sprayer

Handles all insecticides, disinfectants, whitewash, insect spray liquids, etc.

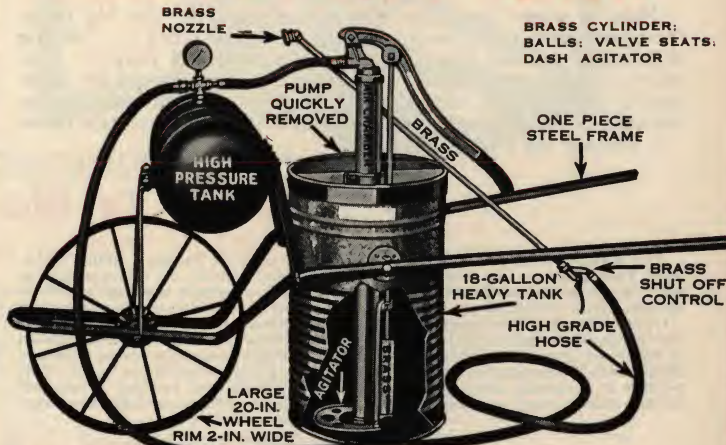


Fine for spraying flowers, vegetables, trees, etc. Sprays trees 18 ft. high. Five different sprays. Produces a continuous powerful mist of coarse spray with slow, easy pumping. Galvanized steel tank, 12 gal. capacity. Removable brass pump. All working parts brass. Dasher agitator keeps liquid thoroughly mixed. Steel frame. Wheel 16 in. high with 1-1/2 in. rim. Brass nozzle with two spray discs for broad mist or long distance spray. 8 ft. of hose. Strainer prevents clogging. Length 60 in. Height 32 in.

No. 8A-50G—Sprayer. Shipping weight 37 lbs. Price each.....\$12.00

F. O. B. Quincy, Ill., or Factory

Giant "All-Purpose" Sprayer



Fine for spraying trees, flowers, vines, washing windows, autos, whitewashing, etc. Pump develops heavy pressure of up to 250 lbs. on nozzle. Capacity 2-1/2 gal. per minute. All working parts brass. Requires no priming. Agitator keeps liquid thoroughly mixed. Frame of heavy steel pipe. Wheel 20 in. high, 2-1/2 in. rim. Galvanized Steel Bucket Tank, heavily corrugated and reinforced. Capacity 18 gal. 3-ft. Brass Extension Pipe. Twelve feet of 1/2-in. hose. Brass nozzle with two spray discs for large mist, coarse spray, or solid stream. Strainer prevents clogging. Five different sprays. Length 61 in. Height 38 in. High Pressure Tank of welded steel plate tested to 250 lbs. pressure. Has brass pressure gauge and drain nut on bottom. Will spray trees or whitewash buildings 30 feet high.

No. 8A-60PG—Sprayer with Pressure Tank as shown. Wt. 110 lbs.....\$33.00

No. 8A-60G—Sprayer without Pressure Tank. Wt. 65 lbs..... 20.50

F. O. B. Quincy, Ill., or Factory



Above-the-Floor-Model—Nos. 1834 and 2934

Brower's FEED

TURN LOW VALUE GRAINS

The "Giant Whirlwind"

Right now . . . how much money are you making on feeds? Is it enough? Do you feel that it is an adequate return on your investment . . . and do you feel amply repaid for all the work you do? Considering the amount of capital required . . . the labor entailed . . . the size of the profit and the hazard of having even that small margin wiped out by shifting prices, very few feed dealers feel that they are fully repaid. However, until now, there has been very little that they could do about it.

Brower's "Giant Whirlwind" Mixer offers a way out. It does not mean a large investment. It does not require a big increase in volume. It is not a risk or hazardous venture—just sound, common sense merchandising. It is simply reselling the grains you buy, but in a new form that is worth more money—for all Feeds are grains . . . ground and properly mixed with the addition of certain ingredients such as charcoal, bran, etc. Brower's "Giant Whirlwind" mixes 1000 lbs. in 10 minutes . . . that's a Bag a Minute. And, you make up to a Dollar a Bag EXTRA PROFIT on every Bag you mix . . . the difference between the price of Mill Feeds and the price of the grains that go into them.

A "Giant Whirlwind" will build both business and profit for you. In fact, right now, it is costing you money to NOT own a Brower Mixer.

MIXES LARGE OR SMALL BATCHES WITH EQUAL EASE

Here is where you have the advantage over the big mills. You use grains that are grown in your own locality . . . the big mill operator must ship his many miles and pay freight. You sell to consumers in your own locality . . . you are out no salesman's expense and commission, for you sell your own; your delivery is out of your own store and into the customer's truck . . . another big freight bill saved.

The Giant Whirlwind is built for big capacity—but it is also suitable for small batch mixing. The ton size has a capacity of 2000 lbs. dry mash—the half-ton 1000 lbs.—and on scratch and similar feeds much more. Small batches of feed in any amount—as little as 100 lbs.—can be mixed with equal ease and perfection of blend. Time for a complete mix is 5 to 10 minutes after the last ingredient has been added.

Here Is How It Works

The illustration above shows you the working parts of Brower's Giant Whirlwind Feed Mixer. The principle is not to stir and tumble the mixture, but to whirl the various ingredients in the mixing chamber, causing a thorough and even distribution in the shortest possible time. The grains . . . both scratch and ground . . . are loaded into the charging hopper at the bottom of the machine. The large, vertical screw conveyor in the center rapidly revolves and lifts the feed from bottom to top where the mixing paddle whirls it to the outside edges of the mixing chamber. From there, it falls into the bottom—is elevated and whirled again and again. This permits an unusually thorough mix . . . it means that each handful of feed will contain exactly the proper ingredients in the proper proportion, and likewise every

sack will be exactly the same. The charging hopper pivots around on a metal base for easy access to various bins and bags. It may be swung directly under the bag spout and the feed allowed to run, through the charging hopper, back into the mixing chamber, making a continuous flow. When adding a few pounds of some special ingredient to a batch of ready-mixed feed, this is an especially valuable feature and one that is not to be found on other mixers. After the bag has been mixed, the hopper may be raised 6 inches which exposes the screw conveyor and allows the mixer to clean itself in a few seconds running, leaving it clean for the next batch—and, at the same time, your customers are satisfied of full measure.

SPECIFICATIONS—ABOVE-THE-FLOOR MODEL

This type machine can be installed in any room or building where there is sufficient space. Sets on the floor and the charging hopper is at a convenient height for loading. General specifications: Dia. of Conveyor, 10 in.; Dia. of Drive

Wheel 10 in.; Height from Sacker Spout to floor, 31 in. Furnished with 4-in. face pulley and high-grade Endless Belt from conveyor to drive shaft. Operates from 5 H. P. Motor, line shaft or gasoline engine. Write for prices on motors.

Mixer Number	Capacity	Height Over-All	Floor Space at Base	Ht. Charging Hopper to Floor	Diameter Mixing Chamber	Drive Wheel Speed	Speed of Conveyor Screw	Power Required	Shipping Weight	Price Complete
8A-1834	1000 lbs.	98 in.	39x39 in.	26½ in.	52 in.	688 R.P.M.	300 R.P.M.	5 H.P.	650 lbs.	\$195.00
8A-2934	2000 lbs.	110 in.	48x48 in.	22 in.	61 in.	688 R.P.M.	300 R.P.M.	5 H.P.	800 lbs.	262.00

Write for Time Payment Terms. Shipped Set-Up. F. O. B. Quincy, Ill. Prices Do Not Include Motor.

MIXERS

INTO HIGH PRICED FEEDS

Mixes All Feeds – Quickly – Uniformly – At Low Cost

The "Giant Whirlwind" thoroughly mixes all kinds of dry feeds and seeds, without cracking the grain, and thereby eliminates waste. All the time that is required for a thorough blend is 5 to 10 minutes after the last of the batch is put into the charging hopper. This means that it is possible to mix as much as a bag per minute—50,000 pounds of feed in one day where run to capacity. Just think of the earning power of a machine like this when run only a portion of each day! Think of the profits to be made! Hatcherymen can now make big money by selling their own special laying mash to their egg suppliers, starting and growing mash to their chick customers; also mixed feeds to farmers, stockmen and dairymen. Commercial poultrymen will save up to half the feed bill which means about three times the net profit on eggs. Not only that—a nice extra profit can be made on custom mixing. Brower furnishes free formulas for laying mashes, growing rations, stock feeds, etc., to users of Brower Mixers on request, or you can get them from your State Experiment Station.

Acclaimed by Users Everywhere

A Wisconsin farmer writes, "Your 'Whirlwind' certainly does a good job in record time. Am satisfied I have the best machine on the market—one that will surely stand the gaff." J. Turner Mills of McNabb, Illinois, says, "Our 'Giant Whirlwind' has more than fulfilled our expectations—in fact, the Milway Hatchery would be seriously handicapped without it." From a dealer in the East—"I am well pleased with the performance of the 'Whirlwind' Mixer. It does an excellent job—satisfying our most particular customers."

The Hocking Valley Feed Company of Logan, Ohio, writes—"After using our Giant Whirlwind for more than a year, we are well pleased with it. It loads, thoroughly mixes and discharges into bag requiring a minimum of time and effort on the part of the operator. If we were buying another Mixer, it would certainly be a Giant Whirlwind." And, hundreds of other users say the same thing.

Lifetime Construction – Low Price

The "Giant Whirlwind" Mixers are all manufactured exclusively by Brower under the direct supervision of Brower engineers. Substantially built, quiet and smooth running in operation, they offer a lifetime of service and provide a simple, practical machine for mixing your own feeds. They are constructed throughout of high-grade metal, heavily galvanized to insure long life and freedom from rust and corrosion. All seams are double-locked, closely riveted and securely welded. The frame is unusually rigid and is enameled black with the outside of mixing drum and loading hopper finished in red. Extra large bearings insure silent, trouble-free operation. The bottom of the conveyor which carries the load runs on Alemite-lubricated ball bearings. Wide surface pulleys eliminate belt slipping and loss of



Below-the-Floor Model—Nos. 1835
and 2935, 1000 and 2000 lb. capacity.

power. The Mixer runs quietly and efficiently. Every part accurately balanced for smooth running, without vibration. A 5 H. P. motor is required to operate any of these Mixers, or they may be run from a line shaft or gasoline engine. Drive wheel speed of 688 R. P. M. is recommended. Speed of Conveyor Screw 300 R. P. M. All machines are equipped with high-grade Endless Belt from conveyor to drive shaft, and a 4-inch face pulley, requiring 3-inch belt. Customer furnishes the drive belt. Conveyor diameter 10 in. Diameter of Drive Wheel 10 in.

All quotations are less motor. When convenient, we suggest that motor be purchased from a local electrician—otherwise, write us for prices. Mixers are shipped completely assembled—ready for operation as soon as connected to power.

SPECIFICATIONS—BELOW-THE-FLOOR MODEL

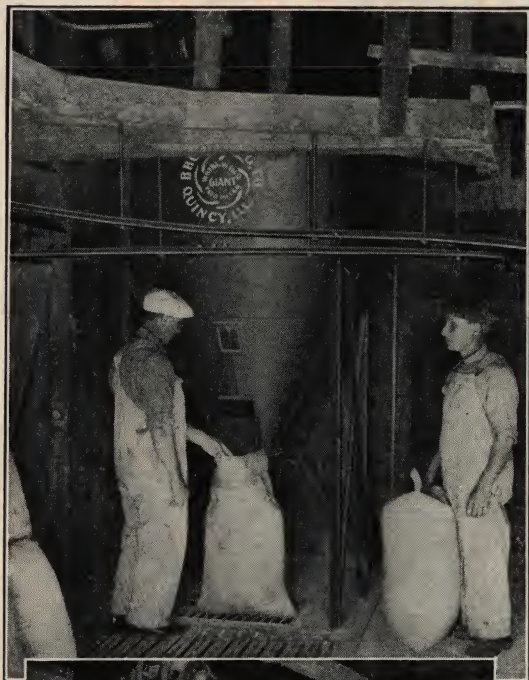
In this model, the charging hopper is fed from floor level. This entirely eliminates any lifting of ingredients. If ground grain is in bags, it can simply be dumped on the floor, into the hopper. The bagging spout is directly over the charging hopper, which means that all work is done at the floor of machine. If desired, the batch

in process of mixing, can be run from the bagging spout directly back into the charging hopper—making a continuous flow back through the machine. Automatic clean-out chute is provided at bottom of conveyor, which eliminates the necessity of going downstairs after each mix.

Mixer Number	Capacity	Height Above Floor	Depth Below Floor	Height Sacker Spout to Floor	Dia. Mixing Chamber	Floor Space at Base	Power Required	Shipping Weight	Price Complete
8A-1835	1000 lbs.	98 in.	27 in.	31 in.	52 in.	39x39 in.	5 H.P.	778 lbs.	\$220.00
8A-2935	2000 lbs.	110 in.	27 in.	31 in.	61 in.	48x48 in.	5 H.P.	885 lbs.	300.00

Write for Time Payment Terms. Shipped Set-Up. F. O. B. Quincy, Ill. Prices do not include Motor. Write for Prices on Motors.

Here's Plenty of Proof!



Above: The home of Pape & Loos Milling Co., in Quincy, Ill. Here, a large volume of feed is handled daily, which necessitates a heavy duty machine for quick, uniform mixing at low cost. They report: "Our Giant Whirlwind Mixer is economical and easy to operate and does a very fine job of mixing."

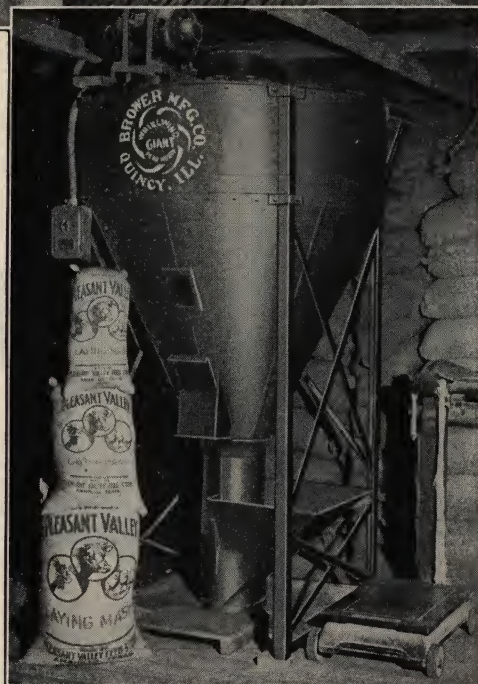
Upper Left: Tony Cirrone of Santa Cruz, Calif., operates his "Giant Whirlwind" Mixer at a saving of \$15 per week. Read his interesting letter below.

Saves \$15 a Week—\$5 on Every Ton

"I am more than pleased with my 'Giant Whirlwind' Feed Mixer. My savings since I have installed this mixer have been \$15.00 per week, or \$5.00 per ton. I have six thousand chickens to take care of. Again, I wish to say I am well pleased with everything. Sorry I did not install the Mixer sooner."—says Tony Cirrone of Santa Cruz, Calif.

Mr. J. S. Hoy of Lusk, Wyoming, writes: "We are well pleased with our Brower 'Giant Whirlwind' Feed Mixer. We have mixed close to 200,000 lbs. of turkey feed. On that which we have fed to our 2,000 turkeys, we saved fifty cents to a dollar per hundred pounds, so we saved near the purchase price the first year." Mr. Fred Schultz of Maryland, says: "I am very well pleased with my No. 2934 'Giant Whirlwind' Mixer. I have the machine at work and it sure does a real job. I think it is a real labor-saver. Thanks for the prompt shipment." And from Mr. Frank Peterson of Ljungby, Sweden, comes this report: "I have received the 'Giant Whirlwind' Feed Mixer in good condition and now have it installed. It is working fine."

Here is positive proof of the satisfaction and success that is had in every instance with Brower's "Giant Whirlwind" Feed Mixer . . . the words of men who know . . . actual users who heartily endorse the Brower Mixer. What the "Giant Whirlwind" is doing for these and hundreds of others, it will do for you. Invest in a "Giant Whirlwind" now! It means money to you—better and quicker mixing at low cost—increased feed sales and bigger profits.



Amarillo, Texas.

Gentlemen:

Our "Giant Whirlwind" Mixer is more than satisfactory. We are well pleased with its performance.

Not only does it mix all kinds of feeds (for we use it on all kinds of mixtures), but it has saved us considerable in labor and wasted feed, over the old method. And, it does a perfect job of mixing under all conditions.

The enclosed photo shows installation of Mixer, also a few sacks of feed made with it.

Yours truly,

PLEASANT VALLEY
FEED STORE.

By: H. L. Rietman.

The Photo is reproduced above.



The Giant Whirlwind "Does a Better Mixing Job"

Says R. A. Riewe

Hamilton, Texas.

Brower Mfg. Co.
Quincy, Ill.

Gentlemen:

Regarding the "Giant Whirlwind" Feed Mixer I purchased from you. I think it is the best mixer made. It is very economical to operate and does a better mixing job than any other machine I ever owned or operated.

I am sending a picture of the Mixer installed in our Feed Sales Room for use in your catalog.

Very truly yours,
RIEWE'S GRINDING STATION
By: R. A. Riewe.

The illustration at the left shows Mr. Riewe's installation of the "Giant Whirlwind" Feed Mixer in his Feed Sales Room, where his popular Daisy Queen Lay-Mash is prepared.

Brower's "Little Giant" Whirlwind Feed and Seed Mixer

500 Lb. Capacity

Mixes all kinds of dry Feeds, Grains and Grass Seeds. Requires only 5 to 10 minutes to thoroughly mix a 500 lb. batch. The "Little Giant" Whirlwind is a Brower-built product . . . and is recommended to all Feed Dealers, Seedmen and large poultry and stock feeders for mixing, in 100 to 500 lb. batches, dry grains and seeds of all kinds . . . whole grains . . . and grains fine or coarsely ground. Small batches in any amount . . . as little as 100 lbs . . . can be mixed with equal ease and perfection of blend.

Sell Your Own Brand . . . Build Up a Profitable Business of Your Own

Many of the Feed Dealers and Concentrate Manufacturers are today purchasing grains produced locally and, with the addition of feed concentrates to produce a balanced ration, or by following proven feed formulas, are now mixing and selling feeds under their own name at a nice profit.

You might just as well be developing your own brand and securing that same satisfaction and profit as hundreds of others are doing at this time. With Brower's "Little Giant" Whirlwind Mixer you can use the local grains and mix your own brand, by simply adding some good feed concentrate such as Brower's MOY, or by supplementing the grains with Charcoal, Bran, etc., and mixing according to your own tested feed formulas. This will permit you to sell the finished feed at a nice profit to yourself and, at the same time, make a big saving to your customer. It will put you in a position to meet all competition. Aside from the advertised Commercial Feeds for those of your customers who demand them—you will have your own home-mixed Brand, the low cost of which will enable you to meet the competition of the Chain and cut-rate Stores, and leave you a very satisfactory profit besides.

Read the Chart

The chart shows the usual route of travel for the grain used in mill-manufactured feeds . . . from the time the grain leaves the farm until it comes back as a balanced commercial feed. This is the expensive way. Note in comparison the "Whirlwind" way. Here you eliminate the profits of all the middlemen . . . and you don't have to pay for having the grain shipped all around the country before it comes back as a finished commercial feed. This is the profitable way—for both you and your customer, which will mean a big, natural increase in your feed business just as soon as your customers learn that you are mixing in your own place of business.



No. 1734M—Mixer fitted with 1/2 H. P. Electric Motor.

Feed Dealers find Brower's "Little Giant" Whirlwind just the thing for custom mixing . . . for preparing special mixes for their customers. It requires only a small investment to install and your extra profits on feed sales will soon pay its low cost.

"Whirlwind" Feature—The Correct Mixing Principle

The principle is not to stir or tumble the mixture but to whirl the ingredients in the mixing chamber as shown by the Mixer illustration above. The ingredients are all loaded into the charging hopper at bottom. The vertical screw conveyor in center of machine revolves rapidly and lifts the mixture to top where the mixing paddle whirls it to the walls of the mixing chamber . . . and falling to the bottom, it is elevated and whirled again and again. This "Whirlwind" feature guarantees an unusually thorough and evenly blended mix of all ingredients . . . in the proper proportion . . . and likewise assures you that the mixture in every sack will be exactly the same.

The Mixer sets on the floor with the charging hopper at a convenient height for loading . . . 19 in. from top to floor. Hopper may be swung directly under the bagging spout and the feed allowed to run directly through the Mixer, back into the charging hopper, and then elevated again into the mixing chamber—making a continuous flow. The hopper can be raised which allows mixer to clean itself in a few seconds running—leaving it ready for the next batch.

The "Little Giant" Model is similar in construction and operation to Brower's "Giant Whirlwind" Mixers shown on preceding pages. Mixes from 100 to 500 lbs. at a time. **Mixing Chamber** is of heavy galvanized steel, finished in bright,

red enamel, to insure long life and freedom from rust. Joints are double-locked and riveted, making it dust-proof. The rigid, angle iron Frame with steel base is enameled black and is well braced. Occupies very little space. A floor area 3 ft. square is all that is needed. The extra large bearings insure smooth, quiet running and long, trouble-free operation. The bottom of the spiral conveyor, which carries the load, runs on lubricated ball bearings. Every part is balanced for smooth running without vibration.

Little Power is Required. A 1/2 H. P. Motor supplies all the power needed for quick, uniform mixing—operating with a motor speed of 1750 R. P. M. and a speed of 400 R. P. M. on the Conveyor Screw. This 500 lb. Mixer is furnished either with or without a 1/2 H. P. Electric Motor, as ordered. When Mixer is to be run from gasoline engine, line shaft or tractor—a special jack shaft is necessary and is furnished, on order, with the mixer—at no additional cost.

Standard Equipment includes the 3-inch "V" type Pulley for motor and a 12-inch "V" Pulley for Conveyor shaft; also a high grade Endless Belt, 74 in. long, from the conveyor to motor connection. Pulleys and Belt are furnished on the Mixer, whether ordered with or without the motor.

Above-the-Floor Model—With or Without Motor

Mixer Number	Mixing Capacity	Height Over-all	From Sacker Spout to Floor	Dia. Mixing Chamber	Floor Space at Base	Conveyor Diameter	Power Required	Shipping Weight	Price Complete
8A-1734 —Less Motor	500 lbs.	85 in.	31 in.	39 in.	36x36 in.	8 in.	1/2 H. P.	285 lbs.	\$ 95.00
8A-1734M—With Motor	500 lbs.	85 in.	31 in.	39 in.	36x36 in.	8 in.	1/2 H. P.	345 lbs.	121.00

Shipped Set Up. F. O. B. Quincy, Ill. Write for Time Payment Terms.

Motor operates on either 110 or 220 volt alternating current.

BROWER'S MOY.

NOT A MEDICINE

MOY.

CONTAINS
MINERALS
COD LIVER OIL
YEAST
WITH IODINE
ADDED

Guarantee

MOY IS SOLD ON A MONEY BACK
GUARANTEE. . .

IF RESULTS ARE NOT
SATISFACTORY TO YOU,
YOUR MONEY WILL BE
PROMPTLY REFUNDED

\$1 TRIAL PACKAGE

It pays to feed Brower's MOY. A test will convince you. Order a 4-lb. Trial Package today . . . that's enough to mix with 100 lbs. of Mash for a 30 days' trial test, feeding 50 hens or 125 chicks.

Trial Package 4 lbs. MOY
Postpaid in U. S. A. **\$1.00**



MORE EGGS—STRONGER SHELLS— SHORTER MOLT—NO LEG WEAKNESS

Brower's MOY is not a medicine. It is a supplemental feed that should go into all home-made or mill mixed poultry rations. MOY contains fine qualities of Calciums and Phosphates for building strong frames, preventing leg weakness, for making stronger shells, avoiding soft-shelled and shell-less eggs. Contains cod liver oil (liquid sunshine) with vitamins A and D—A, the growth-promoting vitamin; D, the vitamin that prevents rickets and soft bones. Contains yeast with its valuable anti-neuritic vitamin B. Yeast also aids in keeping the intestinal tract free, open and in good condition to eliminate poisonous waste matter. Contains iodine to help increase production and shorten molt. Brower's MOY is the scientific, correctly balanced Mineral—Cod Liver Oil—Yeast—Iodine supplement which all birds need and which they do not get in ordinary feed. Helps immensely in making better layers, more virile breeders; sturdier, faster growing chicks; earlier laying pullets; quicker marketing cockerels. The Chick Raiser needs Brower's MOY, especially for chicks confined to the brooder house or battery brooders. Fed Brower's MOY—chicks have a better chance to be disease-free, grow faster and mature earlier. Adding MOY to the ration is the cheapest way to promote fast growth, increase egg production and build up disease resistance.

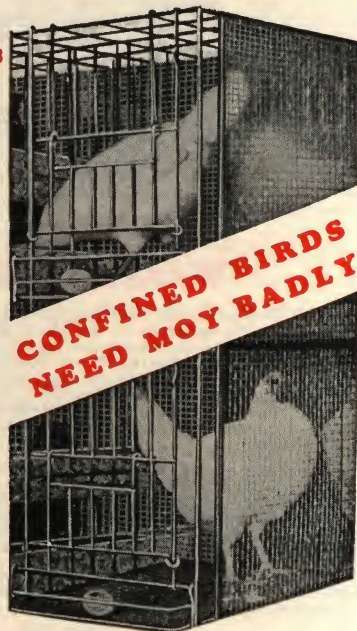
MOY is economical to feed. Ordinarily, 4 lbs. are sufficient to mix with 100 lbs. of Mash—but if the flock is in a run-down condition, we recommend feeding 8 lbs. of MOY to 100 lbs. of Mash until a noticeable change for the better is established.

Keeps Confined Layers in Condition

Confined birds cannot get minerals from the earth, sunshine from the sky, laxatives from growing greens. These the poultryman must supply . . . and we have yet to see a battery of closely confined laying hens that would not respond quickly to Brower's MOY with its calciums and phosphates, its cod liver oil, yeast and iodine. Caged hens fed on a MOY ration are more contented, healthier and certainly more productive than hens left running on the range.

Users Well Pleased

Brower's MOY has been used successfully for almost two decades by poultrymen and hatcherymen throughout the world. Users praise it highly. Mrs. Fred Woodruff of Nebraska, says of MOY: "We never mix a batch of Mash without MOY. It surpasses any other ingredient for all-around poultry health and aids egg production wonderfully. Our hens keep right on laying and an Omaha firm tells us our eggs are the best quality and the largest they have bought of late." From another poultry raiser—"Am well satisfied with MOY. Feeding 2500 chicks with excellent results. Did not have any leg weakness to date and the chicks were confined 4 weeks."

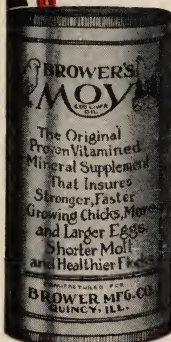


BUY AT THESE LOW PRICES

Below is given the approximate amount of MOY needed for a 30 days' feeding program.

Amount Required	To Mix with	For	Or for	Price of MOY
8 lbs. MOY	200 lbs. Mash	100 Hens	250 Chicks	\$1.45
15 lbs. MOY	375 lbs. Mash	200 Hens	475 Chicks	2.15
25 lbs. MOY	625 lbs. Mash	325 Hens	800 Chicks	2.95
50 lbs. MOY	1250 lbs. Mash	650 Hens	1600 Chicks	5.25
100 lbs. MOY	2500 lbs. Mash	1300 Hens	2400 Chicks	9.50

F. O. B. Quincy, Ill.



**LOW PRICES
and BROWER
REPUTATION**
*Make this your
Big Opportunity*

KEEP THESE REMEDIES and SUPPLIES ON HAND-BE PRE- PARED FOR EMERGENCIES.

*Only
BROWER
Could Offer
Such Savings*

**THE MORE
YOU ORDER
The More
You Save**

**Quick
Delivery
Anywhere**

**Order
Today
Now!**

**ACT NOW
Take Advantage
of these Savings**
BROWER MFG. CO.
QUINCY, ILL.

**Remedies
Shipped
Post Paid**

Brower's Chikadult Tablets for Roup-Colds



**Stop the
Spread of
Roup-Cold
through the
Drinking
Water**

Use these tablets to stop Roup and other highly contagious diseases spread through contaminated drinking water. Clear up colds in a hurry. Cost only one cent per gallon of water.

Safe. Nonpoisonous to birds, animals or man. Use only one tablet per gallon of water. Brower's Chikadult Roup tablets keep the solution antiseptic as long as the water lasts, which is not the case with ordinary drinking water ingredients.

No. 8A-813—Brower's Chikadult Tablets.
Package of 100, price.....\$1.00
Six Packages for only.....5.50
Prepaid In U. S. A.

Brower's Vapor Spray for Roup and Colds

**COSTS ONLY \$1
PER GALLON**

Here's quick relief for Roup. Spray Brower's Vapor Spray in the brooder and laying houses to stop such contagions as Roup, Catarrh, Influenza, Chicken Pox, Diphtheria, etc. Use twice a day at the very first signs of swollen eyes, clogged beaks or sneezing.



In advanced cases, individual treatment is best. Apply to affected parts with Brower's Nasal Syringe (see next page) or use a feather. Results are rapid. Costly losses are avoided. Profits go on. One tablespoonful makes a pint of spray. Mix with ordinary, cheap oil. Will not deteriorate, lose strength or potency. A 4 oz. bottle is sufficient to make a gallon of spray.

No. 8A-820—Brower's Vapor Spray Concentrate.
One 4 oz. Bottle, price.....\$1.00
Six 4 oz. Bottles, only.....5.50
One 8 oz. Bottle, price.....1.90
Prepaid In U. S. A.

Brower's Liquid Concentrate for Roup Birds



Treating the feed in addition to treating the water and air is essential for the correction and control of Roup, etc. Use Brower's Liquid Concentrate for Poultry. Only one teaspoonful is needed for 40 adult birds—and only half this much for chicks. Mixes with water, milk or buttermilk to moisten the mash. It is antiseptic, and favorable results are quickly visible. Birds rest easier, lay heavier and grow faster. Cost is trifling. One 4 oz. bottle is sufficient to treat the feed for 640 adult birds—or 80 fowls for a 4-day treatment twice a day. Costs less than 3/4c per bird for 8 treatments. Acts like human cough syrup. Helps cure colds.

No. 8A-825—Brower's Liquid Concentrate.
One 4 oz. Bottle, price.....\$0.50
Six 4 oz. Bottles, only.....2.75
One 8 oz. Bottle, price......95
Prepaid In U. S. A.

Roup and Colds Are Spread by Contaminated Drinking Water, Foul Air, and Tainted Feed

The same is true of Catarrh, Influenza, Brooder Pneumonia, Chicken Pox and other diseases of the Respiratory Tract—therefore, they must be treated three ways.

Germ carrying mucus is washed off the beaks of infected birds and taken up in the drinking water by others. All drinking water, therefore, at the very first sign of Roup and other Respiratory Tract contagions, should be sterilized and treated antiseptically. Germ carrying mucus is rubbed off the beaks of infected birds and taken up in the mash feed by others. All mash feed, therefore, at the very first symptom of Roup, etc., should be treated. Bad air is breathed by birds in poorly ventilated houses when Roup, etc., are present. The air, therefore, should be treated and a medicated spray applied directly to the heads of all birds.

Brower's 3-Way Method treats the flock through medicated drinking water; through treating the feed with a Liquid Concentrate; through spraying the heads of infected fowls with a correcting Spray. It is a plan used with success by many poultrymen.

Read about Brower's Chikadult Roup Tablets, Brower's Liquid Concentrate, Brower's Adult Vapor Spray and Brower's Chick Vapo-Air... all on this page.

Brower's Lax for Poultry



For chickens, turkeys and all domestic fowls. Costs less than common salts—more thorough. Does not change the taste of the feed. Is not nauseating. Mild in action, without the severe griping effect of ordinary methods, so does not interfere with egg production. One

teaspoonful, mixed with enough water to moisten the mash, is sufficient as a laxative for 20 adult birds. Half a teaspoonful is enough for 20 birds less than 8 weeks old. Costs less than cheap purgatives when sure results and the after condition of the flock are considered. Costs only 1/10 of a cent per bird. Brower's Lax should always be mixed with the mash. In this way, all birds are treated effectively.

No. 8A-828—Brower's Lax for Poultry.
One 4 oz. Bottle, 600 doses, price.....\$0.60
Six 4 oz. Bottles, price.....3.25
One 8 oz. Bottle, 1200 doses, price.....1.15
Prepaid In U. S. A.

Brower's Adult Size Poultry Tablets

**For Diarrhea, Dysentery,
Bowel Troubles in Adult Birds**

Only 1 tablet per gallon of water is needed.

Coccidiosis, Fowl Cholera and Fowl Typhoid are incurable in advanced stages. Preventive measures and sanitation must be depended upon for control. Use Brower's 1-per-gal. Poultry Tablets in all drinking water at the first sign of intestinal disturbances and continue until all signs of diarrhea and dysentery disappear. Watch the diet. Buttermilk or skim milk with one Brower Poultry Tablet per gallon is good. Or use a warm, moist mash containing Brower Adult Poultry Tablets. Keep ailing birds on this ration for five days.

No. 8A-806X—Brower's Adult Poultry Tablets.
One Bottle of 100 Tablets, price.....\$1.00
Six Bottles, only.....5.50
Prepaid In U. S. A.



Brower's Tablets for Chick Bowel Trouble



Only 1 tablet per gallon of water is needed. Stops the spread of Bacillary White Diarrhea and other infections through the drinking water. Should be used in all chick drinking water from hatch to eight weeks of age. At first signs of intestinal disturbances, crush and dissolve one Chick Tablet in the drinking water every day.

Allow no other drinking water. Only one tablet is needed per gallon of water. Give chicks a mild Laxative treatment every ten days or two weeks with Brower's Lax for poultry.

No. 8A-802X—Brower's Chick Tablets.
Bottle of 100 Tablets, price.....\$0.50
Six Bottles, only.....2.75
Prepaid In U. S. A.

Brower's Vapo-Air— Best Way to Correct Roup and Colds In Chicks

Chicks can't stand strong vapor sprays. Vapo-Air assists in preventing Colds, Brooder Pneumonia, Diphtheria, etc. 1/2 teaspoonful on one quart of boiling water (or on heated bricks or metal) is sufficient for one treatment. Stops spread of respiratory tract diseases. Chicks breathe the medicated fumes which means quick, positive relief to stopped-up nostrils, swollen eyes, inflamed air passages. No spraying. No individual treatment. A 4 oz. bottle cares for hundreds of chicks time and time again. 1 1/2c treats an 8 ft. brooder houseful of chicks.

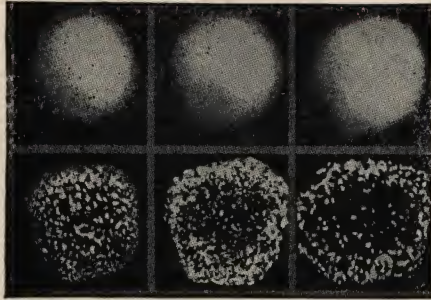


No. 8A-824X—Brower's Vapo-Air for chicks.
One 4-oz. Bottle, price.....\$1.00
Six 4 oz. Bottles, only.....5.50
One 8 oz. Bottle, price.....1.90
Prepaid In U. S. A.

PROTECT POULTRY HEALTH

With These Brower Aids

**Test for Pullorum B. W. D.
this Quick, Easy Way**



At Top—Blood Tests of birds free from B. W. D.
At Bottom—Tests of B. W. D. infected birds.
The clumping of blood and Antigen shows the difference.

*These Brower
Preparations
are Invaluable
to Poultrymen*

Use Stained Antigen

S. Pullorum Infection (Bacillary White Diarrhea) is highly contagious and incurable. A hen that has survived an attack of B. W. D. as a chick, will pass the disease on to the chicks hatched from the eggs she lays. B. W. D. spreads through the flock by chicks feeding with fowls that harbor the organism; or infection may come through incubators and brooders that have previously held diseased chicks. The death rate is enormous. It can be stopped only by having a disease-free flock. Test with Stained Antigen and get rid of all infected birds. This test recommended by the Bureau of Animal Industry, U. S. Dept. of Agriculture and successfully used by hatcheries and poultrymen everywhere. No experience necessary.

Takes Only a Few Seconds

The Stained Antigen Test is quickly and easily made at trifling cost. A drop of blood from each fowl, mixed with a drop of Stained Antigen, shows in a few seconds which are positive and which are negative reactors. Full instructions for making the test are furnished with every vial.

No. 8A-948—Stained Antigen, 7.5 cc vial, 150 tests, price per vial.....\$1.25
No. 8A-947—Stained Antigen, 25 cc vial, 500 tests, price per vial.....2.00
No. 8A-958—Stained Antigen, 50 cc vial, 1000 tests, price per vial.....3.00

Prepaid in U. S. A.

Brower's Handy Blood Testing Box

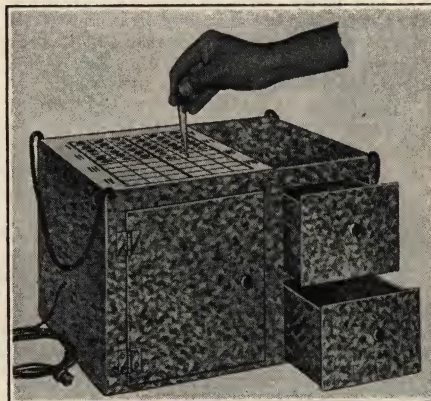
Oil or Electric Heated

Anyone can do Blood Testing with this simple Testing Box. Made of galvanized steel. It has a nonbreakable Porcelain Top (with 72 test spaces); two handy drawers for supplies, and a convenient carrying handle. Furnished complete with Needle and Loop for drawing blood samples and with either an Oil Lamp Heater or an Electric Light Bulb for 32 or 110 volt current. State voltage when ordering.

No. 8A-956—Electric Model with 8 ft. cord and bulb. Wt. 11 pounds.....\$7.50
No. 8A-957—Lamp Heated Model. Wt. 11 lbs.... 7.50
F. O. B. Quincy, Ill.

No. 8A-953—Extra Needle and Loop for drawing blood samples.....\$0.35
No. 8A-954—Porcelain Top only, as used on the above Testing Box. Price.....1.50

Prepaid in U. S. A.



Electric Heated Testing Box

Brower's Avian Mixed Bacterin

Immunization is Profitable Practice. Practically all successful poultrymen now vaccinate their birds. It is cheap insurance against disasters that lower vitality and steal poultry profits. You can avoid costly losses from Mixed Infections, Roup, Colds, Catarrh, Fowl Cholera, Fowl Typhoid, Diphtheria (canker), etc. Vaccination with Brower's Avian Mixed Bacterin makes your birds immune, so far as is humanly possible, to these diseases. For prevention, profit and insurance against losses, vaccinate early—before troubles start. This Bacterin made under Government License. Guaranteed pure and fresh. Every package dated.



Simple and Inexpensive to Use

An immunizing dose of only 1 cc is necessary for exposed birds. Two or three injections are recommended for flocks already infected. Use either No. 853G or No. 854 Syringe to administer.

No. 8A-850—30 cc bottle of Bacterin, 30 doses.....\$0.75
No. 8A-851—125 cc bottle of Bacterin, 125 doses.....2.50
No. 8A-852—250 cc bottle of Bacterin, 250 doses.....4.00

Prepaid in U. S. A.



Vaccination is easy. With a little practice and one helper to hold the birds, you can treat 100 to 150 birds an hour.

Fowl Pox Vaccine

Syringeless Method

Prevent Chicken Pox and Diphtheria (canker) in your flock this easy, inexpensive way. No syringe is needed. You merely pluck out 5 to 8 feathers from the thigh of bird, rub in Fowl Pox Vaccine and safety against Chicken Pox and Diphtheria is assured for at least a year—generally much longer.

Fowl Pox Vaccine is made under Government License. It will not cause any loss of condition or produce constitutional disturbances. Fowl Pox Vaccine is Guaranteed fresh.

No. 8A-945—Fowl Pox Vaccine, 100 treatments and brush for application.....\$1.15
No. 8A-946—Fowl Pox Vaccine, 500 treatments and brush for application.....5.00
Prepaid in U. S. A.

Brower Recommends the Avian Tuberculin Test

Costs less than one cent per bird



Actual experience has proven that it is possible to successfully diagnose and eliminate Tuberculosis from infected flocks with the positive Tuberculin Test. Tuberculosis in fowls is highly contagious and incurable. Cull out infected birds and have a clean, safe flock. Use this inexpensive test. Costs less than 1c per bird. Tuberculin injected into the wattle of the bird shows which birds have Tuberculosis. Cull out the infected birds and so prevent the spread of this dreaded disease among your Tuberculin-free birds. Complete directions furnished. Use Syringe No. 853G for administering.

No. 8A-869—Avian Tuberculin, 10cc Vial (enough for 200 birds), per vial.....\$1.50
Prepaid in U. S. A.

Brower's Serum Syringes

Needed on every poultry ranch. Finely made; long lasting; accurate measurement—easy to use. Illustration shows No. 853G Syringe. A substantial, well-made Syringe like this is a good investment.

No. 8A-853G—5 cc Glass Barrel Syringe, for administering either Tuberculin or Bacterin. Each.....\$1.75

No. 8A-854—10 cc Glass Barrel Syringe, for administering Bacterin or stock serums. Each.....2.00

No. 8A-857—Extra Needles for either of above syringes, each......15

All Prepaid in U. S. A.



Brower's Nasal Syringe



Designed for the treatment of Swelled Head, Roup, Catarrh and similar diseases. Forces the medicine into the head and nasal passages—right where it will do the most good. Recommended for giving birds individual treatment with Brower's Vapor Spray (page 91).

No. 8A-856N—Bulb Syringe, prepaid in U.S.A..\$0.75

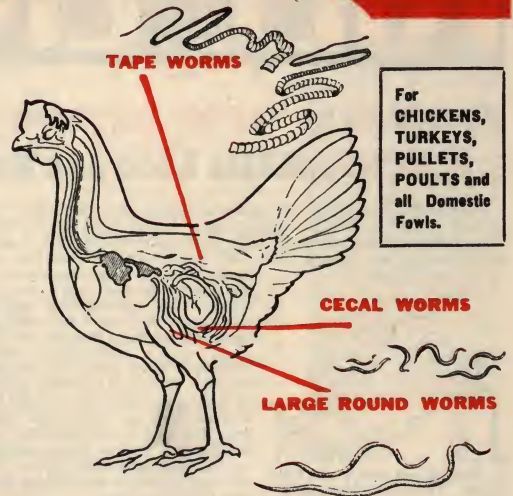
No Better Worm Treatment Made Than the Brower TWO-WAY

Brower's Two-Way Tablet Gets Both Round and Tape Worms

Intestinal parasites in poultry stunt growth and development; steal the feed that costs you hard cash; reduce resistance to disease; rob the basket of those extra eggs that spell the difference between profit and loss, and may seriously affect the health of birds by preventing their nourishment. "Feed for eggs—don't feed the worms," is Brower's advice.

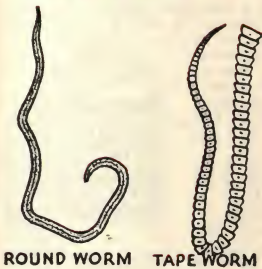
Brower's Two-Way Tablet attacks only the worms—not the birds. Produces effective results quickly, without sickness and without interference with egg production. Here is the tablet in which there is no waste—no absorption in the tissues before the worms are reached. Every tablet does double duty and attacks both round worms and tape worms.

Brower's Two-Way Tablet contains Nicotine (not Nicotine Sulphate 40%) because Nicotine is the superior anthelmintic against round worms. Its value never has been questioned. Its results, when correct dosage is used, never have been surpassed. To Nicotine, we have added an effective Tenuicide (tape worm eliminator)—one that has proven far superior to any other tape worm medicament. The Nicotine and Tenuicide work perfectly together in attacking both round worms and tape worms with astounding results. With these, we use Calomel, which is exceedingly irritating to all types of worms, and also a Purge to quickly flush out those intestinal parasites destroyed by these powerful vermicides and vermifuges.



Brower's Two-Way Worm Tablet

For Adult Chickens and Turkeys Gets Both Round and Tape Worms



ROUND WORM TAPE WORM

Brower's Two-Way Tablet for adult chickens and turkeys contains an effective Tenuicide that gets the Tape Worms; pure Nicotine that kills round worms; valuable Calomel and a non-gripping Purge. These powerful worm eliminators clean out both round and tape worms—yet are harmless to the birds. You can check results by examining the droppings, noting increased activity and appetite in the flock, counting the eggs, watching young stock grow fast and mature quickly. Brower's Two-Way Tablet costs little—saves much, for no medication is lost in the mouth, throat, crop or glandular stomach. The tablet is ground up in the gizzard and the ingredients are discharged in full force directly on the worms in the intestinal tract below the gizzard with 100% effectiveness.

The Adult Size

Only one Brower's Two-Way Tablet is needed to worm adult chickens weighing over 2 lbs. and medium-sized turkeys. Layers should be wormed twice a year—late winter and molting time. Badly infested birds may be treated any time. Worming with Brower's Two-Way Tablet saves feed, increases egg production, helps keep up vitality and aids in preventing diseases caused by round and tape worms. Worm regularly and collect big profits. Use the Two-Way Tablets for economy and quick results.



No. 8A-918—Brower's Two-Way Worm Tablets for adult chickens and turkeys.
100 Tablets.....\$1.00 500 Tablets.....\$4.75
300 Tablets.....2.90 1000 Tablets.....9.00

Prepaid in U. S. A.

Two-Way Pullet and Poult Size



Brower's Two-Way Worm Tablet in the Pullet and Poult Size is for pullets under 2 lbs. in weight and for young turkeys. It contains just one-half the amount of Nicotine, Tape Worm Eliminator, Calomel and Purge used in the Adult Size Tablet. Only one tablet per pullet or poult is needed. Young stock should be treated at 8 to 10 weeks to aid in avoiding diseases and to increase vitality, save feed, speed up growth, produce earlier maturity, a faster market, and quicker profits. Brower's Two-Way Tablet goes clear to the gizzard before releasing any worm destroying elements. Results are quick and certain. Best of all, it costs so little to use Brower's proven Two-Way Worm Tablet.

No. 8A-917—Brower's Two-Way Worm Tablet for pullets and poults.

100 Tablets.....\$0.75 500 Tablets.....\$3.60
300 Tablets.....2.25 1000 Tablets.....7.05

Prepaid in U. S. A.

Brower's Pinworm Treatment

Effective Against Blackhead

Proved Blackhead Treatment effective against Pinworms (Cecum worms) in the cecum (blind guts) of chickens, turkeys, guinea fowls, and domestic ducks and geese. Authorities now recognize Pinworms as involved in the spread of Blackhead. Treat for pinworms at least twice a year to produce better conditioned birds and guard against the spread of Blackhead from chickens to turkeys.

Costs Only 2 Cents per Adult Dose

The contents of one pint bottle of Brower's Pin Oil Injection is sufficient dosage for 50 adult birds, making the cost only two cents per adult dose. Surely this is cheap enough insurance against the stupendous loss of Blackhead. Brower's Pin Oil Injection is as easy to administer, by way of the rectum, as it is to give a worm tablet by mouth. Simple instructions are furnished. The dosing syringe, which comes with every bottle, when full, is one complete rectal injection dose for birds weighing more than 1-1/2 lbs.; when half full, is sufficient for birds weighing less than 1-1/2 lbs. Brower's Pin Oil Injection permeates the intestinal tract, seeps into the blind guts and astonishing results quickly follow. Use it on chicks and poults from 6 to 8 weeks old and twice yearly on all older fowls of all kinds. Comes ready to use.



It's easy to give rectal injection for Pinworms.

No. 8A-826P—Pint Bottle. Sufficient for 50 adult chicken or turkey doses or 100 pullet or poult doses. Complete with rectal syringe. Price.....\$1.00

No. 8A-826Q—Quart Bottle. Enough for 100 adult chicken or turkey doses or 200 pullet or poult doses. Complete with rectal syringe.....1.80

Prepaid in U. S. A.

Brower's Two-Way Flock Worm Treatment

FOR CHICKENS AND TURKEYS



If your flock is too large for individual worm medication; if you want to save the time and labor required for tablet treatment—then use Brower's Two-Way Worm Compound. Mixes right in the mash feed. Each bird, given ample feeding space, will get the required amount of anthelmintics for destroying round- and tape-worms and also will get a purge to clean out the intestinal tract and a powerful tonic to build up the system. Costs only a fraction of a cent to worm a pullet or poult. Only two doses are necessary for a complete treatment.

No. 8A-919—1/5 lb. Carton Brower's Two-Way Worm Compound. Enough for 100 complete two-dose Pullet Treatments, or 50 complete two-dose treatments for Adult Fowls. Price.....\$0.75

No. 8A-919P—1 lb. Carton Brower's Two-Way Worm Compound. Enough for 500 complete two-dose Pullet Treatments, or 250 complete two-dose treatments for Adult Fowls. Price.....3.35

Prepaid in U. S. A.

KILL LICE

BROWER'S "SPOT METHOD" LIQUID DELOUSER Kills Lice and Red Mites

Delousing thoroughly and systematically with Brower's Liquid Delouser, increases poultry profits at trifling cost. Lousy hens lay few eggs. Fighting body lice all day and red mites all night saps the strength and vitality badly needed for profit-making egg production.



Put it on with an Oil Can. It Can't Come Off.

Lice and red mites need not be tolerated on any poultry farm. The successful poultryman treats his poultry houses, nests, and roosts regularly in a steady war against the red mite. When these campaigns are a definite part of the regular management routine, lice and mite elimination becomes easy, sure, economical, and profitable. Use Brower's "Spot Method" Liquid Delouser for best results. It is one sure way to have a lice-free flock. It eliminates all waste. Used for both chicken lice and red mites. Only one treatment is needed. Just one pint is sufficient to "spot treat" 200 hens with an oil can or hand atomizer. Just one spot on the head and neck, two on the back, one below the vent, one on each thigh and under each wing and the job is done.

Delouses 25 Fowls for Less than 10c

Brower's Liquid Delouser spreads out... won't shake off... stays where it is put... right where it does the most good. Easy to apply. One can do the job alone and fast. For red mites, merely clean the poultry house and spray thoroughly with Brower's Liquid Delouser, when birds are outside. Comes ready to use. Satisfactory results guaranteed. Money back if it fails.

No. 8A-827P—One Pint (sufficient for 200 adult birds). Price.....\$0.75
No. 8A-827Q—One Quart (sufficient for 400 adult birds). Price.....1.40

Prepaid in U. S. A.

GENUINE "C-A" CARBOLINEUM

Kills Chicken Mites and Termites

It is Carbolineum America... Guaranteed by label and affidavit to be like the carbolineum recommended by the Government and 23 State Experiment Stations. (Do not confuse it with carbolineums not guaranteed by affidavit to be free from adulterations.) A wonderful aid in controlling mites and blue bugs. It also kills fowl ticks and termites. May be sprayed or painted on roosts, etc. Makes wood termite-proof. Evaporation is so slow that one good application lasts for 1 to 3 years. One gallon treats an entire 8x10 ft. chicken house, using sprayer or brush. "C-A" Carbolineum can be satisfactorily diluted with kerosene. Sold on a money-back guarantee. Prices subject to change without notice.



Catalog No. 8A-863

One 1-gal. can.....\$2.00 30-gal. drum, per gallon.....\$1.05
One 5-gal. can, per gallon.....1.35 55-gal. drum, per gallon.....1.00
Two 5-gal. cans, per gallon.....1.25 All F. O. B. Quincy, Ill. or Factory

EUREKA TOBACCO POWDER

Recommended for use against large Round Worms in Poultry—and as a dusting powder for use on fowls, poultry nests, roosts and in dust baths for controlling and preventing lice. Also fine for dusting shrubbery, flowers and vegetable plants. Kills Aphids, plant lice and other pests.

Catalog No. 8A-993

One 5-lb. Package....\$0.60; One 100-lb. Bag.....\$5.25

F. O. B. Quincy, Ill. or Factory

BROWER'S "QUIT-PIK" OINTMENT FOR CANNIBALISM



Cannibalism is a costly trouble. Starts with toe and vent picking, feather pulling, etc. Apply Brower's Quit-Pik Ointment quickly to the affected parts. Helps stop picking and aids in healing. Destroys poisonous germs. Stops chick losses. Looks like dried blood but is extremely bitter to taste. Use it for wounds on all birds caused by wire cuts, nails and other injuries. Corrects "picking" and heals at the same time. Will not lose strength or potency. Satisfaction Guaranteed—money back if it fails. Keep it handy for emergency use.

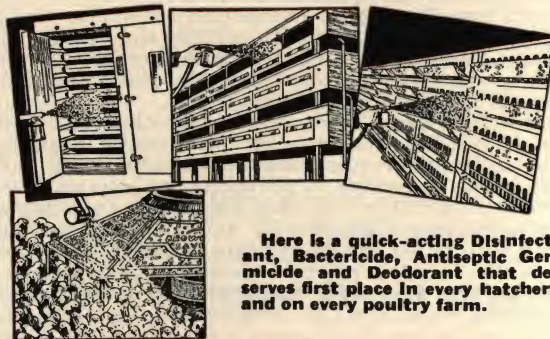
No. 8A-833—Brower's Quit-Pik Ointment
One 4 oz. can, price.....\$0.60
Six 4 oz. cans, price.....3.00

Prepaid in U. S. A.

and Disease Germs the Brower Way

Healthy, Lice-Free Layers are Better Payers

BROWER'S HATCHERY, INCUBATOR AND BROODER SPRAY



Here is a quick-acting Disinfectant, Bactericide, Antiseptic Germicide and Deodorant that deserves first place in every hatchery and on every poultry farm.

Costs Only 27½¢ per Gallon

Think of it! A germ-killing spray for only 27½ cents per gallon. Brower's Hatchery Spray comes in concentrated form—all you do is mix it with water to make a germ-killing finished product. One quart, when mixed with water, makes ten gallons of highly effective hatchery spray. It contains factors that destroy bacteria and prevent their growth; agents that kill disease germs and microbes; others that eliminate foul odors. Even the destructive germs of Bacillary White Diarrhea and Coccidiosis give way to this powerful germicide and disinfectant.

It does not irritate the tender mucous membranes of the respiratory tract of chicks and can be used in all incubating, hatching and brooding operations with excellent results. It can be sprayed right over the eggs as chicks are hatching. It should be used repeatedly as a disinfectant for brooders and as a dip for drinking fountains, feeders and other equipment. It need not be used as soon as prepared for it does not deteriorate or lose strength after mixing. Sold on Brower's Money-Back Guarantee.



Concentrated—You Don't Pay for Water

No. 8A-860C—4-oz. Bottle (makes 5 quarts of spray).....\$0.50
No. 8A-860D—8 oz. Bottle (makes 10 quarts of spray)......30
No. 8A-860B—1-pt. Can (makes 5 gallons of spray).....1.50
No. 8A-860A—1-qt. Can (makes 10 gallons of spray).....2.75
No. 8A-860—½-gallon Can (makes 20 gallons of spray).....4.50

All Prepaid in U. S. A.

BROWER'S COLD WATER PAINT

A DISINFECTANT AND DEODORANT

An exclusive Brower product. Sold on an absolute money-back guarantee. Far better than whitewash. Never blisters or peels. Unequalled coverage. 3 lbs. make one gallon of paint—enough to cover 150 to 200 sq. ft. of surface, depending on the moisture-absorbing power of the lumber. The best you can get for poultry and hog houses, barns, workshops, factories, dairies, cellars, etc. Makes them sanitary and increases light 25 per cent. Easily applied with brush or sprayer. Makes an excellent deodorant, applied dry to dropping boards, floors, kennels, barns, pigeon lofts, etc. Costs little—goes far.

Approved by
Poultry Tribune Experimental Farm



Order by No. 8A-897

5 lbs.....\$0.60 25 lbs.....\$2.25
10 lbs.....1.00 50 lbs.....4.00
100 lbs.....7.50 All Prices F. O. B. Quincy, Ill.

Brower's Wooden Nest Egg

Made of wood. Enamelled white and highly polished. Unbreakable. Everlasting. Odorless. Packed one dozen in a carton, weight 1-1/2 lbs.

No. 8A-341—Wood Nest Eggs, per dozen.....\$0.40

Postage 10c. Extra



Pratts, Guaranteed Poultry Remedies



Pratts,

Roost Paint

Lousy hens are poor layers. All authorities say, "Get rid of lice". Pratt's Roost Paint offers an easy, safe, inexpensive and sure way to kill poultry lice and mites. Just paint it on the roosts. No handling of birds is necessary. Works with double action. Lice are killed both by fumes and by contact with feathers which have touched the paint. A pint will treat 480 ft. of roosts. Free Brush for applying accompanies each can. Fully Guaranteed.

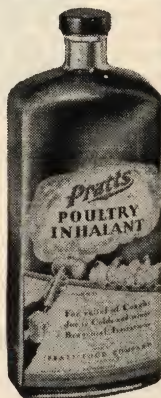
1/2 Pint.....	\$0.85;	1 Quart.....	\$2.25
1 Pint.....	1.50;	1 Gallon.....	7.00
Prepaid in U. S. A.			

Catalog No. 8A-907

Pratts,

POULTRY INHALANT

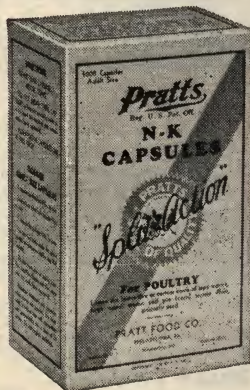
Knocks colds in poultry. A modern flock treatment, that cuts poultry losses and increases profits. Just spray it in the poultry house while birds are on the roosts, for the quick relief of coughs due to colds and minor Bronchial irritations. Fumes and mist are inhaled and penetrate the watery secretions in the respiratory passages. Its germ-killing, antiseptic and healing medicines are thus carried to the inflamed tissues and irritated membranes, soothing and relieving the infected respiratory passages.



Catalog No. 8A-908

1 Pint.....	\$0.60
1 Quart.....	1.00
1 Gallon.....	3.00
F. O. B. Quincy, Ill.	

The fame of Pratt's Poultry Remedies is now nationwide. You, of course, have heard of them. They have for years been giving the poultrymen healthier birds—more profitable flocks. Among those of our many customers who have already used Pratt's Remedies, there is no question concerning the merits of these sterling products. These customers will be glad to know that now they can get Pratt's Remedies from Brower. To those not as yet familiar with the high quality of Pratt's products, we strongly recommend an early trial.



Pratts,

"Split Action"

N-K WORM CAPSULES

Wormy hens cannot lay very many eggs. Authorities tell us that 85 per cent of all poultry is wormy. You must worm your flock if you want maximum and profitable egg production. The "Split-Action" feature of Pratt's N-K Worm Capsules allows two different drugs (Nicotine and Kamala) to act separately without interfering with each other, thereby giving best results against common worms infesting poultry. One capsule does the work of two ordinary worm treatments. Pratt's N-K Capsules help to prevent serious infestations of tape worms and large round worms in poultry—avoiding heavy losses.

Child Size—Catalog No. 8A-927

50 capsules.....	\$0.55;	500 capsules.....	\$3.75
100 capsules.....	1.00;	1000 capsules.....	6.50

Prepaid in U. S. A.

Adult Size—Catalog No. 8A-928

50 capsules.....	\$0.85;	500 capsules.....	\$5.50
100 capsules.....	1.50;	1000 capsules.....	10.00

Prepaid in U. S. A.

Pratts,

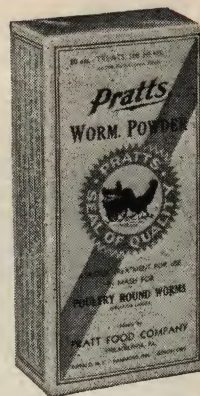
WORM POWDER

A flock worm treatment for poultry. Very effective against large round worms and many pin worms. No handling of fowls is necessary. A 4 oz. package is sufficient for one hundred adult fowls. Just feed it in mash. Will not cause sickness in birds or interfere with egg production. Costs very little to use.

Catalog No. 8A-929

4 oz. Package.....	\$0.75
20 oz. Package.....	2.50
2-1/2 lb. Package.....	4.50

Prepaid in U. S. A.



Pratts,

POULTRY REGULATOR

Guaranteed to make your hens lay more eggs in 15 days—or your money back. The manufacturer guarantees this product to produce more eggs, or full purchase price will be refunded. Known for years as America's famous egg producer. Helps hens to lay. Just mix it with the feed. Four pounds "regulates" 125 hens for thirty days.

Catalog No. 8A-916

4 lb. Package.....	\$0.55
12 1/2 lb. Package.....	1.60
25 lb. Drum.....	2.85

F. O. B. Quincy, Ill.



Brower's Triple Bait

RAT TABS

No Bait to Mix—No Fuss—No Muss

Kill rats, mice, gophers. Harmless to poultry, pets live stock and humans. Rodents like them, but every nibble is sure death. Contain rat-tested Imported Red Squill. 50 rat-killing doses in every 25c. package. Live rats leave when others get sick eating Brower's Ratablets. Rats and mice disappear like magic. Die off the premises. Bad odors and danger of chickens eating decayed flesh are eliminated. Three different kinds of bait in every package. Ready for use. No mixing.

No. 8A-955—Large package of 25 Ratablets (50 rat-killing doses). Price per package.....\$0.25

Prepaid in U. S. A.

BROWER'S TONIC for POULTRY

Helps to Rebuild Flocks Quickly

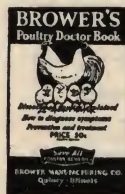
At times, every poultry flock needs a quick-acting tonic to snap the birds out of their run-down condition. An occasional treatment with Brower's Poultry Tonic does wonders with backward growing chicks, ducklings, goslings, and pullets; with birds low in vitality; with pullets and layers—overworked producers and birds falling off in production; with birds convalescing from serious difficulties such as roup, coccidiosis, malnutrition, etc.

Brower's Poultry Tonic is a wonderful stimulant, appetizer, conditioner and blood builder. Helps to rebuild flocks in less than ten days. Only one teaspoonful is needed for 20 adult birds (one-half this amount for chicks). A single half-pound carton is sufficient for an 8-day treatment for 100 adult birds. Brower's Poultry Tonic is concentrated which means you do not pay the medicinal price for fillers such as linseed meal, etc. Mixes with any mash. Feed it only 8 to 10 days. Visible results are almost instantaneous. If your flock is run-down, eggs few, growth slow—use Brower's Poultry Tonic now. Costs only 2c. per day for 20 adult birds. Cannot deteriorate or lose potency with age.

No. 8A-830—Brower's Poultry Tonic. 1/2 lb. Carton.....\$0.75
Six 1/2 lb. Cartons, price.....4.00
Prepaid in U. S. A.



Costs only 2c per Day For 20 Adult Birds



Free—Poultry Doctor Book

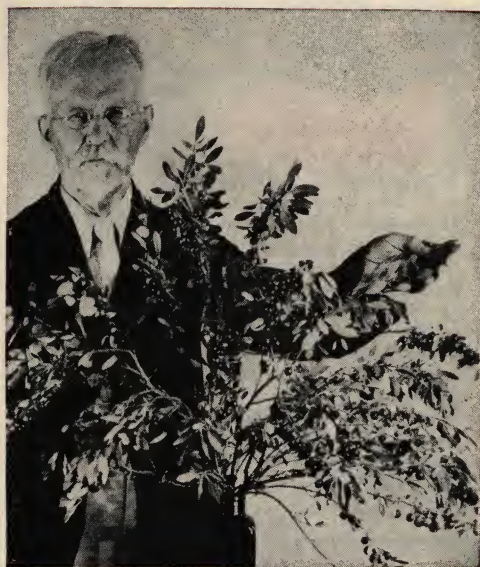
Be sure to get a copy of the new edition of Brower's Poultry Doctor Book. It's free. Gives latest information on 100 poultry diseases—tells how to prevent, correct or control same, and thus safeguard poultry health.

Every poultry raiser should also read "Diseases and Parasites of Poultry" published by the U. S. Dept. of Agriculture. Send 10c to the Dept. of Agriculture, Washington, D. C., for a copy of this Bulletin No. 1652.

50 RAT DOSES 25¢



Garden and Lawn BUSH CHERRY



DR. N. E. HANSEN—who has been improving these Bush Cherries for nearly forty years.

Note These Low Prepaid Prices on 2-Year Old Stock

All Heavy, Well Branched, Strong Rooted, Bushy Trees

Catalog No. 8A-385	Two-Year-Old Bushy Trees 18 to 24 Inches Tall	Price Each \$0.50	Three for \$1.25	Six for \$2.25	Twelve for \$4.00
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All Prepaid in U. S. A.

An Improved, Quick-Bearing Bush Cherry—Easy to Grow—Sure to Produce

Brower's Garden and Lawn Bush Cherry is highly productive . . . easy to grow . . . and perfectly hardy, everywhere. The fruit is of large size and of good flavor and quality to eat fresh. It makes delicious preserves and jelly. Bears from the ground up . . . early, heavy and annually. Though this improved Bush Cherry resembles a plum in size and shape, it comes massed in clusters and, at times, almost completely covers the limbs. Brower's Garden and Lawn Cherry is the result of nearly forty years of untiring selection work by the great plant wizard, Prof. N. E. Hansen. It should be grown in every Garden and on every Lawn, because of the immense amount of choice, quality fruit that can be produced on such a small area of ground. The tree, itself, is of dwarf, bush-like shape and seldom grows over four or five feet tall . . . branching and bearing from the ground up . . . usually bearing the year after planted.

Fruits in One Year

Strikingly Ornamental—In Spring and Fall

Being of dwarf stature, these Bush Cherries are especially fine for planting in the Garden as they take up very little space. They should be planted 2 to 4 ft. apart . . . in rows 4 to 6 ft. apart . . . 12 to 25 or more in every Home Garden. Or, they may be planted close enough together for a low fruiting hedge on the lawn. They are very desirable for landscape planting as they are strikingly ornamental. The foliage is a beautiful silvery green and turns to a rich red and gold color in the fall. The profuse masses of large, fragrant white flowers, which completely cover the branches in the spring, make a glorious sight. Brower's Bush Cherries are also excellent for erosion control . . . their dwarf, bushy nature is of great aid in foundation planting work. Excellent for hedges and ornamental shrubs.



Masses of Fruit Completely Cover the Branches

Seeds for Poultrymen

Reduce Your Feed Bill and Increase the Egg Production of Your Flock



Poultry Cabbage—Has been known to yield three tons in a space 40 by 60 feet. You can't beat this for low-priced green feed for poultry. One-half pound of seed will grow enough greens to feed about 1,000 hens for 4 months. A rapid grower. In Northern States, the seed can be sown any time from early spring until the middle of July. In the South, seed may be sown throughout the year.

Catalog No. 8A-386—Pkt. 10c; Oz. 35c; 1/4 Lb. \$1.00; Lb. \$3.00.
Prepaid in U. S. A.

Chisha, or Chicken Lettuce—An excellent feed for chickens. It is economical to grow, for when cut it resumes its growth rapidly and can be cut again and again; or the leaves can be pulled off each stem like the Jersey Kale. Chisha, or Chicken Lettuce, does not make a head, but sends up a stout stalk, 3 to 4 feet high, and just loaded with leaves.

Catalog No. 8A-387—Pkt. 10c; Oz. 35c; 1/4 Lb. \$1.00; Lb. \$3.00.
Prepaid in U. S. A.

Poultry and Stock Beet—Furnishes a tremendous yield. Makes an excellent green feed for poultry during the winter and always increases egg production. Fine for cattle. Keeps them in perfect condition and increases the flow of milk. Stored in an ordinary cellar or any cool place, they will keep until spring.

Catalog No. 8A-389—Pkt. 10c; 1/4 Lb. 35c; Lb. \$1.00.
Prepaid in U. S. A.

Enormous Yield with Poultry Cabbage

"We raised Poultry Cabbage for the first time last year and, due to drought, had to irrigate our garden but it yielded an enormous quantity of feed. The chickens, geese and ducks—all eat it with much enjoyment". So writes an Iowa customer.

KUDZU—The Great Forage Crop

For Poultry and All Livestock



Here is green feed for your poultry all winter long. Just moisten the Kudzu hay in the winter and it becomes almost like fresh foliage again. Kudzu contains an average of 17.43 per cent protein. It is richer than alfalfa—yet can be fed safely, either green or dry, to all livestock. Does not cause sickness in animals even when overfed. Fed to cows, they will produce more and richer milk than on any other feed. Makes a good permanent pasture. Kudzu grows rampant in any climate. Does not have to be fertilized or limed. It is adapted to every type of well-drained soil and will succeed on practically any land not water soaked or not a desert. Out-yields alfalfa on poor land—and enriches poor soil more rapidly than it can be improved in any other way. May be sown in

drills, not too thick. Should be given cultivation the first year and corn, potatoes or some other row crop can be raised on the same land the first year. After the first year, Kudzu needs no cultivation. Two crops can be cut in the North and four in the South. Kudzu has been known to yield four cuttings of hay, totaling ten tons per acre, in a single season.

Richer than Alfalfa

Kudzu can be harvested when weather conditions are unfavorable for other hays and will yield a fine quality of hay, often when continued showers and dampness would mean ruin to any other legume hay. It cures the quickest of any known hay and the leaves do not drop off. After the first year, no cultivation is needed as the Kudzu plants will cover the ground the next season, growing so rapidly as to choke out all other plants (even such pests as Johnson and Bermuda grasses), yet it is an easy matter to get rid of Kudzu, if desired. The plants will only sprout from the crowns and Kudzu can be killed by cutting off these crowns with a disc plow in hot, dry weather. Another method to eradicate Kudzu, is to plow late in the fall and plant the following spring to corn, beans, potatoes or any other crop that can be given careful cultivation.

Grows in Any Climate

No. 8A-382—Kudzu Seed. Price per packet \$0.15
Two packets for \$0.25; Ten packets 1.00
Prepaid in U. S. A.

LOWER FEED COSTS with PROSO AND MORE EGGS!



Puts MORE
Pounds of
Solid Flesh
on Your
Poultry.

GROWS ANYWHERE—ENORMOUS YIELDS

Proso is like nothing you have ever seen. It grows more rapidly and matures quicker than other grains. It reaches a height of three to four feet, stools and branches, making 15 to 25 heads instead of one. A single head of grain will have as many as 1185 seeds on it. That is why it yields such enormous crops from such unbelievably small plots of ground. One authority tells us that a half pound of seed should produce five to ten bushels of grain. Prof. Hansen says of Proso: "This is an especially valuable grain. For feeding stock, poultry, etc., it is better than wheat."

Although it originated in Russia, Proso does better, grows faster and matures quicker in our climate. During the time since it was first introduced in this country, it has become acclimated so that it grows here just as well as our own native crops. It is easy to thresh, and may be planted any time after danger of frost is over—up to the middle of July. It may be planted in high, dry soil or ground that has been drowned out and not in shape to work until late in the season. It may be planted in acid soil or soil not suitable for other grains. Especially valuable as a summer "catch" crop. When sowing in drills, use about 5 lbs. to the acre; for broadcasting, use about 12 1/2 lbs. to the acre.



A Stalk of Proso Grain Heads.

Fowls Prefer It to Other Grains

Proso is extremely palatable. Chickens like it. It has a flavor that seems to particularly attract them. They will eat more Proso as a usual thing than they will corn or wheat. In our Experimental Plant the fowls leave all other grains once they have tasted Proso. Makes a splendid mash when ground alone. Fed with corn or oats, the ratio should be 4 parts Proso to one part other grain. It may be fed in bundles or as clean grain from the thresher. A good scratch feed. It will grow the birds and keep hens in the pink of laying condition. Also fine for hogs, cattle and sheep.

PRICES FOR PROSO

Catalog No. 8A-383

7 Oz.	\$0.45;	12 1/2 Lbs.	\$ 4.00
2 1/2 Lbs.	1.20;	25 Lbs.	7.00
5 Lbs.	2.00;	50 Lbs.	12.00

Prepaid to all points between Denver, Colo., and Pittsburgh, Pa. East of Pittsburgh and West of Denver, add 3c. per lb.

Write for special prices on 100 lbs. or more.



The views at left show a field of Proso being harvested in Colorado.

Read What Customers Have to Say About PROSO

Won First Prize on PROSO at Two Fairs—"This is a neglected letter but it is never too late to praise your Proso. I purchased some from you last spring to try out up here and results were very satisfactory. I received First Prize on your Proso at two different Fairs. It sure yields one hundred per cent and makes such a good feed."—So writes a Proso grower in Minnesota.

A Wonderful Grain for Poultry—"I am enclosing check for five pounds of Proso. I had a trial package last year and it is a wonderful grain for poultry. It keeps the chickens busy scratching in the winter, which is good exercise for them." This customer finds Proso a good grain crop in Maine.

PROSO Grows 4 to 5 Feet High in Colorado—"I got some Proso Seed from you last spring. Boy! It sure grows here! It got four to five feet high, with so much seed that the stalks just tipped over from the weight of it."

Wonderfully Pleased with Proso—is this Montana grower. "Last spring I purchased a few pounds of your Proso seed. I am wonderfully pleased with it. The only way I can stop its growing and seeding this fall is to pull it up."

"Chicks Leave Other Feed for PROSO", says this Iowa customer. "We have tried out your Proso and think it is the greatest thing ever, for chickens. We are feeding some to young chicks and they leave other feed for it. They certainly thrive on Proso."

Ohio Grower Gets Big Yield—"You will be interested to know that the twelve and one-half pounds of Proso Seed we purchased last spring produced 550 lbs. of grain and the hay is proving splendid feed for our stock."

(The names and addresses of these Proso customers can be furnished upon request.)

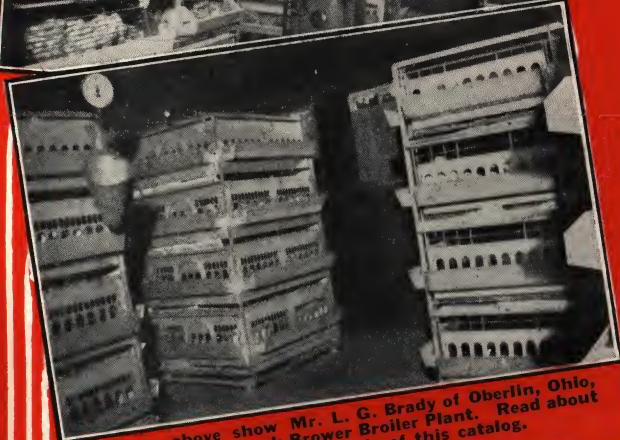
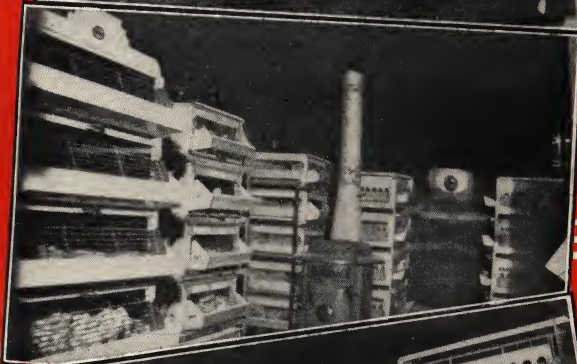
You Too Will Find Proso a Profitable and Valuable Grain Crop

Be Sure to Raise Plenty of Proso for Your Poultry and Livestock This Year

A		D		Holders, Card.	82	Quit-Pik Ointment.	94
Advertising Sign	26	Delouers	94-95	Hot Water Brooder Systems	27-29-32		
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Bacterin	92			Incubators	80-81		
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Barn Ventilators	46			Individual Drawer Brooders	33		
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Finishers	23 to 27-29-32-36-37-77			J			
Gas Burning	23-29-35-39			Jar Founts	69		
Growing Batteries	23 to 27-29-32-36-37-77						
Hot Water Humi-Deck	27-28-29-32			K			
Non-Heated Type	24 to 27-29-32-36-37-77			Knives, Killing and Pinning	83		
Oil Burning	23-27-29-33-35-39			Kudzu Seed	96		
Battery Brooder Parts	35-60						
Batteries, Feeding	77			L			
Batteries, Hen Laying	78-79			Lamp Bowls	60		
Blood-Testing Equipment	92			Lamp Burners and Chimneys	60		
Blue Print, Poultry House	45			Lamp Fountain Heater	70		
Boilers	30-31-48			Lamp Heated Incubators	81		
Boiler Parts and Fittings	30-48			Laxative, Poultry	91-95		
Books	95			Laying Battery	77 to 79		
Bowls, Lamp	60			Laying Nests	76		
Boxes, Egg	84			Leg Bands	75		
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Broiler Batteries	23 to 29-32 to 43-77			Light Bulbs	60		
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Brooder Accessories	57 to 61			Louse Powders	94		
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BROODERS:				M			
Coal Heated	27-28-29-32-55-56			Medicines, Poultry	91 to 95		
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Gas Heated	28-29-35-39-56			Mixed Bacterin	92		
Hot Water Heated	27-28-29-32			Mixers, Feed	86 to 89		
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Brooder Stove Repairs	58-60			Nasal Syringe	92		
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Brushes	82-83			Nest Eggs	94		
Bulbs	33-35-60			Nests	76		
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Buttermilk Feeders	62-64-69			Oil Bowls	60		

making out order, be sure to give the page of catalog, number of article, state how many you wish, name of article and other necessary information; also give size, price, and total amount. For parcel post rates, approximate express and freight charges, see back of order blank.

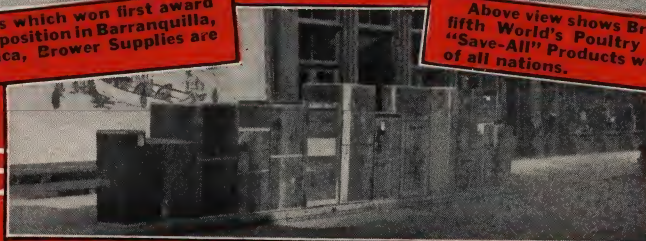
Brower Equipment Serves the World!



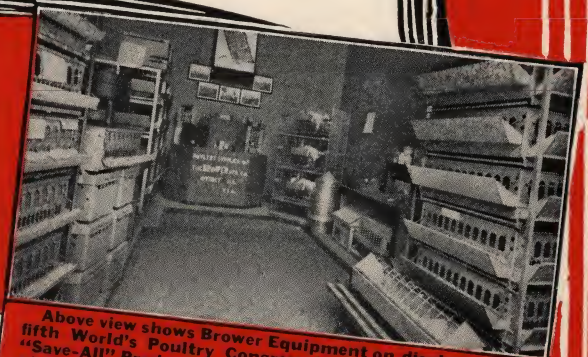
Views above show Mr. L. G. Brady of Oberlin, Ohio, and his 400-per-week Brower Broiler Plant. Read about his success on page twenty-six of this catalog.



Exhibit of "Save-All" Products which won first award at the Agricultural-Industrial Exposition in Barranquilla, Colombia. Here in South America, Brower Supplies are used extensively.



A shipment of Brower Supplies ready for delivery to far-away Sweden. Poultrymen the world over are familiar with the high quality of "Save-All" Poultry Products.



Above view shows Brower Equipment on display at the fifth World's Poultry Congress in Rome, Italy—where "Save-All" Products won wide acclaim from poultrymen of all nations.

P. O. BOX 488
PETERSBURG, VIRGINIA

The Jones Hatchery
OVER 222,500 EGG CAPACITY

224-236 Humboldt Avenue
COLONIAL HEIGHTS
PETERSBURG, VIRGINIA



QUALITY
BABY CHICKS
CUSTOM HATCHING

November 4th 1937.

Dear Mr. Brower:

The additional 90-drawer Hot Water Humideck Battery we installed early this Fall brings our Brower Brooding Plant up to 260 drawers. There are many improvements in this new unit that are worth while. With our equipment we use a coal stoker and electric water circulator and are able to regulate the temperature in all decks evenly, under all weather conditions.

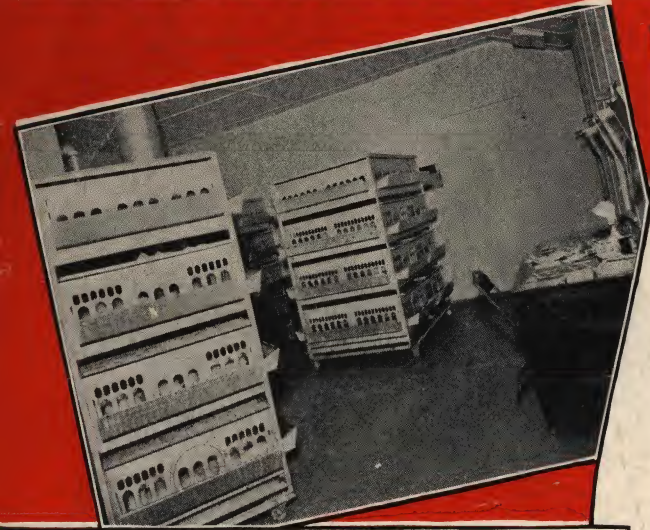
We had to increase our price on started chicks for the demand was so great it was impossible to handle the orders and also we wanted to increase our output of day-old chicks—yet this had little effect on sales. Those who have once used started chicks, almost always prove to be constant users and boosters.

Humideck Battery Brooding acts as an insurance policy to us, for we can set our machines heavier on anticipated business and at the same time, be prepared to take care of any surplus, which we know will bring in additional profits as started chicks. It also helps to stabilize the chick market for it avoids throwing "distress" chicks on the market at prices below production cost.

Very truly yours,
THE JONES HATCHERY,
R. L. Jones.

Wherever the sun shines ... on the Western or Eastern Hemisphere ... Brower Equipment is making good. North-South-East-West ... Brower Supplies are serving the poultrymen of every nation. And, all users tell a uniform story of success and satisfaction. What Brower Equipment is doing for them, it will do for you. It's all in the method and having the proper equipment to carry out the method. Brower Equipment does it no matter where you live. No one lives too far away to profit by and enjoy the service the Brower Company is so eager to extend.

You are bound to be Pleased over Results Like These



The Brover Way Is the Only Way— Mortality Less Than 1-1/2%

Amboy, Illinois,
Dec. 14, 1937.

Brover Mfg. Co.,
Quincy, Ill.

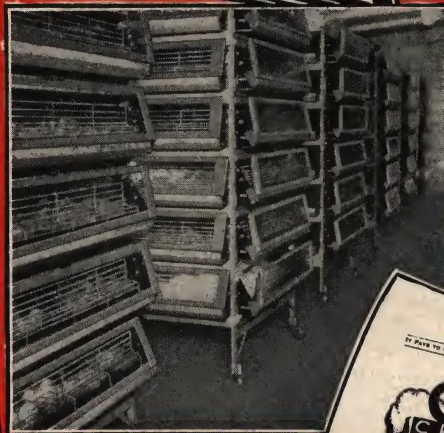
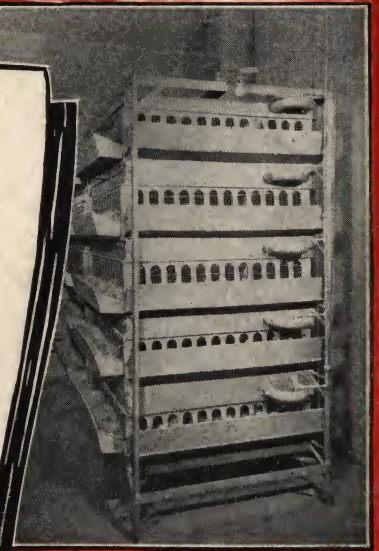
Dear Sirs:

I thought perhaps you would be interested to know that I have had very good success with the Brover 250-per-week Broiler Plant which I purchased in June of 1936.

That was one of the worst years in poultry history—feed prices being so high. Many had predicted that I would fail, for I had never had any experience before with poultry ... but with Brover Equipment I find you need no previous experience.

I have operated the year 'round—summer and winter—with a very small loss of chicks. In fact, the mortality isn't worth mentioning. Out of 1675 chicks I raised 1655 to over 2 lb. broiler size at a nice profit. I find that the battery way is the only way to keep down chick losses and besides it gives you a complete check on the birds.

Yours truly,
Louie Frederick.



TRAIN'S
POULTRY FARM
Independence, Mo.
Phone, Ind. 7500

Oct. 20, 1937.

Brover Mfg. Co.,
Quincy, Ill.
Dear Mr. Brover:

I examined your new HEN-WAY Brooder and find it superior to any electric starting brooder on the market today.

I am particularly impressed with the ease with which chicks can be caught from each compartment. And you have a splendid arrangement for lowering and raising the heating elements, according to the different ages of chicks.

I plan to use your HEN-WAY Brooders here at my plant and also at my various chick stores this coming season. I feel that you have made a big step forward and that this brooder will help hatcherymen in the sale of started chicks.

Sincerely,
R. L. Train.



COTTON
CHICK HATCHERY
LONE ROCK, IOWA
Equipment for the brooding of chicks according to the different ages

Brover Mfg. Co.,
Quincy, Ill.
Gentlemen:

Oct. 5, 1937.

We have found your Glass Display Brooder to be everything and more than is expected of a battery brooder.

This past season we increased our capacity 32,000 and with the aid of your brooders were able to display and sell our time did we have more chicks than we could care for. Folks really take to started chicks raised in Brover Brooders. These chicks do things after they get out in the hands of our customers. More than one customer reported 100% livability on our Brover-brooded started chicks.

Our battery room is an old railroad box car, fixed up with a double floor—ventilated and painted. I am enclosing a picture of it.

Very truly yours,
COTTON CHICK HATCHERY
Willis J. Cotton.

BROWER MFG. CO., Quincy, Illinois, U.S.A.

You are bound to be Pleased over Results Like These

Digitized by:

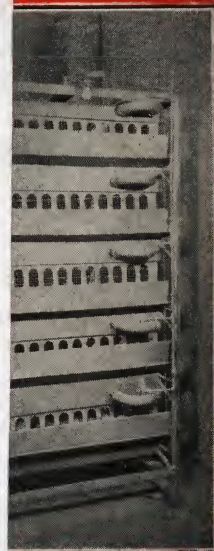


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From the collection of:
Alan O'Bright



COTTON
HATCHERY
CHICK, IOWA
Oct. 5, 1937.

ur Glass Display
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and painted. I am enclosing a picture of it.
Very truly yours,
COTTON CHICK HATCHERY
Willis J. Cotton.



BROWER MFG. CO., Quincy, Illinois, U.S.A.